

# THE WESTERN FARM LEADER

## CO-OPERATION

## PUBLIC AFFAIRS

## SOCIAL PROGRESS

Vol. 18, No. 4

CALGARY, ALBERTA, FRIDAY, MARCH 6th, 1953  
Authorized as Second Class Mail, Post Office Department, Ottawa

5c a copy — \$1.00 a year.

## EFFECT OF U.S. QUOTAS ON SALES WILL BE NEGLIGIBLE

### CANADIAN CATTLE EXPORTS ALWAYS FAR BELOW LIMITS

May Be Some Time, However,  
Before Lifting Ban of Great Effect

#### GRAIN FARM STORAGE

#### Differences of View Expressed on Proposed Wheat Board Act Amendments

OTTAWA, Mar. 3rd. — U.S. action invoking quotas on cattle imports, to become effective April 1st, which followed the removal of the embargo on Canadian cattle (instituted on account of the foot-and-mouth outbreak last year), will have little or no effect on sales of Canadian meat and cattle south of the border.

The quotas, which were agreed to at Geneva in 1947, are 200,000 head for lightweight cattle (up to 200 lbs.) and 400,000 head for the over 700-lb. class. In 1951 sales of Canadian cattle to the U.S. were far below these figures — 11,000 calves and 124,000 heavyweight cattle.

Canadian restrictions on imports of U.S. swine, sheep and goats on account of the prevalence in the U.S. of diseases affecting these animals, are continued.

It is considered here that it may be some months before the lifting of the embargo by the U.S. will have any great effect on export trade in cattle.

By M. McDougall, Press Gallery Leader Correspondent

OTTAWA, Ont. — The slight delay in issuing orders to end the embargo on imports of cattle into the United States was due, it is understood, simply to the pressure of administrative work that had accumulated for the new Government at Washington.

There is nothing very strange about that. The cattle markets in Canada have been functioning in normal fashion, with prices somewhat firmer than last week. It is possible that after a period of rather heavy offerings, there has been a disposition to hold back some stock waiting for the market to open in the United States. Markets here have in any event not been overloaded, last week the offerings being about 15,000, the lowest figure since July, and prices have been a little stronger. There has been no buying at all by the Government during the past few days, as announced earlier.

#### Not Easy to Predict

It is not at all easy to predict dog-

## Gift of Wheat Brings Hope for Children of India



While Canada's contribution of \$25,000,000 to the Colombo Plan for Asia seems meagre when compared to defence expenditures, it will at least bring hope and the prospect of economic improvement to many of our fellow citizens of the world in that impoverished con-

tinent. Indian children, shown here, will benefit from Canada's gift of wheat to the value of \$5,000,000. The gift is accompanied by a request that money received by the Indian Government be put into a rupee fund to help to cover the costs of economic development.

**Benson Picks Co-operator**  
WASHINGTON, D.C.—Former president of the American Institute of Co-operation, Dr. Karl D. Butler, has been named consultant to U.S. Secretary of Agriculture Benson.

#### Has Great Freezing Capacity

CENTRALIA, Wash. — A plant which will freeze from 1200 to 1500 barrels of cranberries daily, and has storage capacity for 11,000 barrels of frozen berries, has been bought by National Cranberry Association. The new co-operative plant is at Centralia, Washington.

matically what will be the result of the reopening of the American market. People here who by training and experience might well be considered best qualified to give an opinion on the subject take this view. With the market across the line opening to Canadian cattle there will be the flow of trade that will level prices out. Quality will be a determining factor in prices. If one grade is particularly in demand, the price of that grade will advance. If certain qualities are not wanted in the American market, then it would be well to keep these at home and sell them on the domestic market.

#### Not Whole Story

What is emphasized here is that while the present prices at Chicago, if we take into account the exchange difference, the freight and the import duty, seem to put Canadian cattle at this time on a non-export basis. This is not the whole story. Considera-

tions of quality have to be taken into account, and sellers should study the markets to ensure the best sales for their cattle. That is of course exactly what they will do. They will have the two markets to choose from, and they will sell cattle on the one offering the best returns at any particular time.

#### Payments for Farm Storage

Some interest has been stirred up by the effort to amend the Canadian Wheat Board Act to provide for payments for the storage of grain on the farms. A number of arguments were raised for and against the change. There was a difference of opinion even among farmers from the Prairie Provinces. It was claimed that smaller farmers would be helped by the storage fees which would enable them to make token payments on

#### Ottawa Government Is Responsible for Drop in British Car Sales Here

OTTAWA, Ont. — Although British car sales to Canada were sharply reduced in the first half of 1952, due to credit restrictions imposed by Ottawa, the total for the year was 21,330. The U.S.A. bought 31,287 British cars in 1952.

bills of the storekeepers.

The great volume of the crop in the Prairie Provinces of course has brought the question into clearer focus. The Minister of Trade and Commerce, Rt. Hon. C. D. Howe, stated that the impression that the small man would benefit to any extent was incorrect. Farm storage would be paid only when the grain is delivered, so it would be of very little value.

#### Uniform 15-Bushel Quota

Within a few days a uniform 15 bushel per acre quota would be set for right across the prairies. Therefore, no one would benefit from the payment for storage.

If crops were widely different, as is the case in some years, the small

(Continued on Page 9)



## How You Can Assist Flood Victims Effectively

National Fund Best, Decides CFA

By JAMES R. McFALL

IMMEDIATELY following the news of the flood disaster in Britain, the Netherlands and Belgium, the national office of the Canadian Federation of Agriculture got in touch with all of its member bodies to ask their approval or otherwise of the proposal that the Federation sponsor a special Federation appeal on behalf of the farm people of Canada, to provide urgent relief needs for the flood victims.

The thought was that since a large majority of the victims were rural people, all member bodies of the C.F.A., their branches, and individual members, might wish to channel their contributions through the Canadian Federation of Agriculture direct to those people through their own national farm organizations, having in mind our associations with them through membership in IFAP.

### Through General Campaign

Since the Federation offices were short of staff to handle the complete organization of such a campaign, since there was considerable feeling against the idea of dividing campaign forces in Canada, and since the Prime Minister had announced the formation of an over-all national committee to co-ordinate the whole Canadian effort, the majority opinion of our Federation was to have our farm people play their full part in the general campaign hand in hand

with their fellow citizens in other occupations.

Your President, H. H. Hannam, was invited by the Governor-General to become a member of the national flood relief committee, and gladly accepted the invitation on behalf of organized agriculture.

### Best Way to Help

At the first meeting of the national committee held at Government House, Ottawa, emphasis was placed on the fact that a campaign such as this would be most helpful to flood victims if it provided only the supplies and materials most urgently needed. It was pointed out that shipping unneeded materials and supplies hindered rather than helped the situation. One of the advantages of having the national Red Cross become the operational arm of the campaign was that they had representatives on the spot in the disaster areas and thus were able to advise daily the articles and supplies most needed, and the changing requirements of the relief needs from time to time.

Numerous suggestions that our Canadian farm people should send food and other farm products have been advanced, but the committee has made it clear that it would be unwise to do this unless relief officials definitely requested such supplies. It has been explained to us

Local prairie elevator charges .....

Wheat Board costs (storage, int. elevating, ins., administration, etc.) .....

Freight from central Sask. to Ft. William ..

Shippers' markup and other Lakehead

charges .....

Ont. United Co-op markup .....

All rail Freight Ft. Wm. to Ont. points .....

**Less:** Freight assistance .....

Net Freight .....

Cost of bags .....

Retail feed dealers' margin .....

Local prairie elevator charges .....

Wheat Board costs (storage, int. elevating, ins., administration, etc.) .....

Freight from central Sask. to Ft. William ..

Shippers' markup and other Lakehead

charges .....

Ont. United Co-op markup .....

All rail Freight Ft. Wm. to Ont. points .....

**Less:** Freight assistance .....

Net Freight .....

Cost of bags .....

Retail feed dealers' margin .....

Total margin .....

First World Exhibition of Agriculture Will be Held in Rome This Year

OTTAWA, Ont.—In an area of more than 400 acres, where new agricultural methods will be demonstrated and agricultural products, machinery, implements and other exhibits will be on display, the First International Exhibition of Agriculture will be held in Rome, Italy, from June 27th to October 31st of this year. Announcement of the decision to hold this exhibition, which promises to be a notable event in the history of the agriculture of the world, has been made by the Embassy of Italy here. Further information will be given on plans for the exhibition as it becomes available.

that later for the rehabilitation of affected farms, lumber, livestock and farm machinery will be needed. If and when supplies of such are needed, Canada will be informed through the national committee. Undoubtedly lumber may be most acceptable, and the advisability and practicability of attempting to send livestock or farm machinery will be fully considered.

In a previous C.F.A. release, the Federation wholeheartedly endorsed the flood relief campaign in Canada and urged its member bodies and individual farmers to contribute as generously as possible to the campaign fund.

### Coarse Grain Marketing

This has been a very live question within the Federation of Agriculture. Many western farmers feel that the freight subsidy to eastern feeders makes unfair competition to western livestock men.

Eastern feeders feel that their costs for western grains are too high.

The following table gives a breakdown of various costs between Western producers and Ontario feeders.

	OATS	BARLEY
Cents per bus.	Cents per bus.	Cents per bus.
Local prairie elevator charges .....	3.5	4.5
Wheat Board costs (storage, int. elevating, ins., administration, etc.) .....	2.2	2.8
Freight from central Sask. to Ft. William ..	7.5	10.6
Shippers' markup and other Lakehead		
charges .....	3.1	3.2
Ont. United Co-op markup .....	1.5	1.5
All rail Freight Ft. Wm. to Ont. points .....	16.7	23.5
<b>Less:</b> Freight assistance .....	10.2	14.4
Net Freight .....	6.5	9.1
Cost of bags .....	4.0	6.0
Retail feed dealers' margin .....	10.0	14.9
Total margin .....	38.3	52.6

The above figures are based on all rail shipments. There is approximately two cents per bushel saving on barley shipped by lake boats, but no saving on oats.

### Federation Meets Cabinet

The Canadian Federation of Agriculture have completed arrangements to meet with the Federal Cabinet on March 5th, for their annual presentation.

This submission is based on the resolutions endorsed at the annual meeting held in Victoria, B.C., in late January. All resolutions are not incorporated into the submission to the Cabinet, as many are detail in nature and thus the responsibility of Department heads. Many resolutions of such nature have already been discussed with officials.

The Canadian Federation of Agriculture will meet on March 4th. Mr. Roy C. Marler, executive member from Alberta, left Edmonton on March 1st to attend these meetings on behalf of the Alberta Federation of Agriculture.

March 16th — The United Nations Look at Farm Forum.

**NEW TRUCK and TRACTOR BATTERIES**  
Repairs Rebuilding  
**Calgary Battery Co.**  
111 - 12th Ave. W. Phone 27744

### INCOME TAX

Returns accurately and carefully prepared.

**F. L. MAJOR**

INCOME TAX CONSULTANT  
PROFESSIONAL ACCOUNTANT  
AUDITOR

405 Eighth Avenue West  
Phone 62339 — Calgary  
In practice in Calgary for 40 years.

## ALBERTA WHEAT POOL

"It's Alberta Pool Elevators for Alberta Farmers".

Farm Forum Topics — The remaining Farm Forum topics are:

March 9th — More Attractive Farmsteads.

## SALES INCREASE AND NET SAVINGS ARE SUBSTANTIAL

All Retiring Directors Elected  
at Annual Meeting  
of C.C.I.L.

A substantial increase in sales was reported to the recent annual meeting of Canadian Co-operative Implements, Limited, as well as increases in net savings.

Total savings to date, after payment of Income Taxes, were \$4,270,000; of this amount \$1,530,000 had been paid to member customers as dividends, in cash; and a further \$2,430,000 has been allotted for later distribution.

### Higher Sales Costs

It was pointed out by the Board of Directors that savings in relation to sales were somewhat lower than in the previous year, reflecting "the ever-increasing competition and consequently higher sales costs."

One instance of increased freight charges was given — those on a self-propelled combine from Brantford to Regina. "In 1945, the cost was \$89.60, today it is \$165.75," states the Directors' Report.

All retiring Directors were re-elected, as follows: John B. Brown, Winnipeg; James A. Cuddy, Sanford, Man.; C. J. Strayer, Drinkwater, Sask.; D. Downing, Saskatoon; and J. M. Bentley, North Edmonton. Continuing Directors are W. J. Harper, Edmonton; A. Davie, Dawson Creek; A. A. Kreimler, Unity, Sask.; Lloyd Acton, Rocanville, Sask.; and H. W. Ray Cooley, Birtle, Man.

George Thomson, Brantford, Ontario, brought greetings from Cockshutt Farm Equipment Company, Ltd., and outlined the association of the two organizations.

Fraternal greetings were brought to the meeting by A. B. Friesen, Director of the Saskatchewan Wheat Pool; Robert Shannon, Director of United Grain Growers, Limited; Homer Montgomery, Director of the Alberta Wheat Pool; and F. J. Fitzpatrick, Registrar of Co-operatives for Alberta.

At the annual banquet, brief addresses were given by Hon. L. F. McIntosh, Minister of Municipal Affairs for Saskatchewan; Hon. R. Robertson, Minister of Agriculture for Manitoba; A. L. Phelps, President of Saskatchewan Farmers' Union; and L. Bright, Co-operative Union of Saskatchewan.

## Culling Assures Quality at Calgary Bull Sale

The most intensive culling operation ever undertaken for a bull sale, state officials, has been carried on in preparation for the Calgary Bull Sale to be held March 16th to 21st. Entries were shaved from an original 1,568 to 1,277, with the possibility of further reduction to the original objective of 1,250. Teams of cullers representing the three beef breeds visited farms and ranches which had entered animals.

J. Charles Yule, acting alone for the Alberta Hereford Association, himself has visited more than 250 farms in all parts of the Province, inspecting and rejecting cattle. It is believed that as a result of this stringent culling, quality of the animals exhibited and sold at the 1953 sale may be the best in many years.

Lifting of the ban on livestock imports by the U.S. means that American buyers are likely again to be an important factor in the sale.

# CERESAN M

## ...for 18 Years Canada's Top SEED DISINFECTANT

\*Tests conducted by agricultural authorities in 1952 proved that CERESAN M is still the top seed disinfectant for both grains and flax. In tests on bunt of wheat, loose and covered smut of oats, covered and false loose smut, seedling blights of grain and flax seed rot, CERESAN M was the only seed disinfectant to be approved as satisfactory in the control of all these diseases. Both scientific tests and practical farm use for over 18 years prove CERESAN M as a superior seed disinfectant.

*\*Copy of report available on request.*



### This year use CERESAN M

the proven seed disinfectant that gives you two-way protection against both seed and soil-borne diseases. Ask your dealer for CERESAN M—the best seed disinfectant money can buy.

Just one product and one application kills destructive wireworms and at the same time protects grain against seed and soil-borne diseases. This new C-I-L seed dressing combines the superior seed disinfectant properties of mercury with gamma BHC's deadly action against wireworms.

### Dual Purpose BENESAN



### C-I-L BUNT CURE



Controls bunt or stinking smut of wheat. This non-mercurial seed dressing is safe to use and has no objectionable odour. C-I-L Bunt Cure gives sure protection against bunt of wheat for less than 3¢ per acre. Use only on wheat.

### BENESAN



One full rate application of BENESAN (2 oz. per bushel) kills up to 75% of all wireworms. Apply BENESAN to your spring grain . . . reduce wireworm population to the point where wireworm damage will be negligible for 3 to 4 years. Costs less than one dollar per acre.

**CANADIAN INDUSTRIES LIMITED**  
Agricultural Chemicals Department

Halifax • Montreal • Toronto • Chatham, Ont. • Winnipeg  
Saskatoon • Regina • Calgary • Edmonton





Double cutting capacity of any ground-driven-mower. Cut fuel costs in half. CARLSON Power Mower Drive converts your mower to power machinery. Eliminates gears, pinions . . . transmits power direct from PTO. Sickle bar lifts from tractor seat. Thousands in use. Safe—Inexpensive—Dependable.

BUY FROM YOUR DEALER or ORDER TODAY, from  
CARLSON & SONS BERESFORD, SOUTH DAKOTA

PRITCHARD SALES LTD.,  
EDMONTON, ALBERTA

## LOW WINTER FARES to the PACIFIC COAST



"A wonderful way to holiday!"

### ONE WAY FARE AND ONE-HALF for ROUND TRIP

Good in all classes of accommodation!

Your opportunity for a wonderful winter vacation at the Pacific Coast . . . via Canadian National . . . in modern day coach or comfortable sleeper . . . relaxing holiday travel that's easy on your budget!

#### TICKETS ON SALE DAILY TO MARCH 31

from all stations in Alberta, Saskatchewan and in Manitoba (Portage la Prairie, Dauphin, Gladstone, Neepawa and west).

Return Limit 21 days

Longer limits may be had with slightly higher fares.



Your nearest C.N.R. agent will be glad to help you.

**CANADIAN NATIONAL**

# THE WESTERN FARM LEADER

Published First and Third Fridays in the interest of the Organized Farm Movement

#### SUBSCRIPTIONS

One Year	\$1.00
Two Years	\$1.50
Three Years	\$2.00
Single Copies	5¢

PUBLISHERS:  
W. NORMAN SMITH, Editor  
U.F.A. Building, Calgary, Alberta

Eastern Representative:

Hodgson Publications, 588 Mt. Pleasant Rd., Toronto—HU3881  
Vancouver Representative:  
F. A. Dunlop, 110 Shelly Building—Pacific 2527

#### ADVERTISING

Display ... 24¢ per agate line  
\$3.36 per inch

Classified ..... 6¢ per word

Vol. 18

CALGARY, ALBERTA, FRIDAY, MARCH 6th, 1953

No. 4

#### MARKETING LEGISLATION

At the last Annual Meeting of the Alberta Federation of Agriculture, the delegates reiterated their request, made on several previous occasions in recent years, that the Alberta Government enact workable legislation to provide for "the setting up of producer-controlled marketing boards for various types of farm co-operatives."

The Government has not hitherto acceded to this request, indicating that, according to reports received by members of the Legislature, there is no strong demand for such legislation from the farm people of the Province.

It was suggested, by some of the delegates who took part in discussion of this subject at the Federation meeting, that an effort should be made to acquaint the farmers with the advantages to be obtained, by producer and consumer alike, through the stabilization of marketing which would be made possible were the proposed boards set up.

In view of this, we propose to publish in our next issue an important address on "Recent Developments in Marketing Legislation in Canada" which was given at the Annual Convention of the Canadian Federation of Agriculture in Victoria by R. H. Milliken, Q.C., of Regina. Mr. Milliken is an eminent legal authority. He has been counsel for the Saskatchewan Wheat Pool since the early days of the organization, and is active in the promotion of other co-operatives. His survey deals with what has been done in the field of Federal and Provincial legislation in Canada, and with the constitutional aspects of marketing legislation. His address will be printed in full as a feature of our second March issue.

#### THE GRAIN HANDLERS' STRIKE

The situation created by the strike of grain handlers at Vancouver is extremely serious. As the Alberta Wheat Pool, in a statement issued by Vice-President A. T. Baker, points out:

"This crop year Canada has at least half a billion bushels of grain available for export. It is of urgent importance, not only to the farmers but to every businessman and to every individual in Canada, that export sales should proceed at the highest possible level. If the Wheat Board cannot fulfill its commitments other countries will likely take over the markets, wheat will pile up in Canada and general unemployment and depressed conditions will prevail."

The right to strike has always been regarded by Labor as a fundamental one, and certainly it has been important in the upward struggle from extremely low standards of living, and extremely hard working conditions. But it is becoming evident that, especially in the case of public services, it should increasingly be considered as a weapon to be used only as a last resort.

Recent years have seen a spiralling of living costs — costs which bear severely upon farmers and working men alike, and which are devastating in their effect upon those with fixed low incomes, such as old age and other pensioners.

Might not Labor be well advised to consider steps towards the stabilizing or lowering of living costs? Such

#### A MATTER OF CONSCIENCE

Our private lives through these disordered days

Pursue the little courses we have laid,  
By words and deeds, beyond us to appraise,  
No longer unaccustomed and afraid.

The little joys and griefs that are our own  
Now seem to shape and mould our daily  
thought,

Regardless of the surging undertone  
Of wider spheres wherein our fate is wrought.  
Is it too much to ask for that the mind,  
When great events its groping steps outpace,  
Apart from world affairs should seek and find  
A refuge and a safe abiding place?

Or must we wholly dedicated be  
To freedom's cause until all men are free?

ISA GRINDLAY JACKSON

means of cutting costs as are presented in consumer co-operation, for instance, are worthy of greater attention. Vigorous effort, too, might well be applied towards securing relief from housing costs, which weigh heavily upon city workers: why not press much more strongly for investigations into soaring building costs, and into inflated rent charges?

Greater support for the campaigns that are being waged for complete national health insurance would undoubtedly prove worth while. Here organized Labor and organized Farmers stand on common ground, for the Canadian Federation of Agriculture for many years has been pressing for the institution of a comprehensive national health insurance scheme.

#### SHORT COURSES AND SEED FAIR

The agricultural short courses held in Calgary and Edmonton last week, and the brief similar courses held in numerous other communities, are major contributions to agricultural improvement in Alberta.

Coming as they do after most of the conventions and annual meetings of the various farmers' co-operative and other organizations have been held, and just before the period when preparations for spring work on the land engage the farmers' attention, such courses are admirably timed, and from year to year they are gaining in effectiveness.

In Calgary the short course is held simultaneously with the annual Seed Fair, which is Province-wide in scope and attracts exhibitors from all parts of Alberta. The Alberta Department of Agriculture, the Calgary Chamber of Commerce and the Calgary Exhibition and Stampede are joint sponsors of these events.

On another page, C. Aubrey Weir (whose colleagues in the undertaking have paid tribute to the excellent job he carried out in the organizing of the exhibits) discusses the highlights of the Seed Fair, which, with 276 entries in the general competition and 570 exhibits in the Junior Seed Fair, achieved new records. The auction on the closing day by Harry Hays, realized a record total of \$709 for the Crippled Children's Hospital — exceeding last year's figure by about a hundred dollars.

Howard P. Wright, Chairman of the Seed Fair, has from year to year given much time and effort in the work of organization; Hardy E. Salter and his assistants efficiently chaired the short course. The Calgary Exhibition and Stampede made an indispensable contribution to the success of the events, the support and work of Maurice Hartnett, the General Manager, being especially valuable, as was the contribution (as it always is from year to year) of Eric McGreer, Secretary of the Chamber of Commerce.

We report at considerable length in this issue the address given by Dr. Henry Wood of Winnipeg on the revolution which has been brought about by the use of chemicals in weed eradication. Great as are the benefits which chemical control have brought in the field of grain production, Dr. Wood made it clear that much remains to be done both in the application of the new methods by the farmers themselves, and in the field of research, which is bringing new chemicals into effective use.

# THE FARM FLOWER GARDEN

By COL. J. McK. HUGHES

I think that it is time that we started our 1953 flower garden. Sure, as I write there is a depth of two feet of snow on the ground, and four feet of frost in the ground. But here in the house it's a nice comfortable 74 above — so sit back in the big easy chair, put your feet up on the hassock and let's start planting.

## Already a Riot of Blooms

Look, already we have a real riot of blooms all around us, roses red, roses white, and roses yellow — gorgeous blooms — but not any better than we had in our own garden.

Have you ever noticed that while the camera does full justice to the roses, it fails to bring out the glory of the gladiolus?

Why, my glad blooms from the bulbs sent out by **The Western Farm Leader** were far and away better than any catalogue displays, and I seem to have them nearly all — that is, the catalogues. I wonder if the bulbs you other readers received grew like mine. If not, why not?

## Don't Plant in Beds

Last season I saw glad blooms grown from bulbs that cost four times what mine did (of course that dozen mentioned above cost me nothing) that were pale sickly things not worthy of the name "glads". Why? Well, mostly because they were planted in beds.

Now a great deal of our gardening lore comes from lands where moisture — or lack of moisture — is not a problem, as it is with so many of us here in the West. There, flowers and vegetables are planted in beds — raised beds — and they do well.

Now let us forget the word beds. Rather let us use the word BASIN. Plant your flowers, especially your glads, in a hollow. Then when the ground gets dry, pour on the water.

Another thing to forget about is the sprinkling can. Throw it into the bush. A five-gallon oil can will beat it all hollow. Of course some of you will say that this is the way that nature waters the garden. Sure, but who wants to stay out all night holding up a watering can? Plant your flowers where you can make a ditch around them. Don't water too often, but when you do soak them "good".

## Glads Are for Indoor Show

Now, about those glads again. One lady said that she had them planted out in a bed where she could see them from her window. Fine, in a way; but glads were never intended for garden show. They are intended for indoor show, right in the kitchen or dining room where they gladden the eyes a hundred times a day.

Grow your glads out among the beets and carrots and cabbage. There is your good deep rich soil. Then carry them into the house in armfuls. I mean just that, armfuls. Every color of the rainbow, great gorgeous spikes that last for weeks.

Again about the water. Some will say that water from the well is not good for plants. Right, that is, if there is anything better. If not, use well water, lots of it.

Now I want to talk to you men. Far too many of you leave the flower garden to your wives. Shame on you!

You enjoy those lovely blooms just as much as your better half. So give her a hand. Again about that water. Every Monday the good wife does the family wash. Usually she is left to empty those tubs of warm, soapy, dirty water. Nine times out of ten it is thrown away. The Almighty gave us water to use, not waste.

But, you say, not those dirty suds on the flowers! Sure, the more soapy and dirty the better. Sure and are they not advising us to give our baby chicks soapy water? If chicks will thrive on such water, so will our flowers. Now you men, just have a few of those five-gallon oil pails handy. Tell the wife to fill them from the washing machine. Then, when you come in for dinner, just carry them out to the flower garden. Remember the dikes, and you will find that your labor will return you a dollar a minute in a wealth of bloom no catalogue can match.

## What Are Your Preferences?

If you could have only four kinds of flowers in your garden, which would they be? Mine would be gladiolus, asters, sweet peas and pansies. Glads and asters for cut flowers in the house; sweet peas for a beauty hedge; and pansies the first flower out in the spring, and the last in the fall — for a carpet of color.

Pansies, to be fully appreciated, should be grown in solid colors. A dozen plants will make a wonderful display all summer long, especially if once a week you take time to pinch off all the old blooms.

Sweet peas? Grow them against a fence, or wall of a building. How many have an unsightly shed or granary. Dig a trench and plant sweet peas early. Remember, though, keep the trench all summer long. Those soapy suds make gorgeous blooms. Asters, big and little, singles and doubles, short and long — glorious blooms that last so long, and they can stand several degrees of frost.

## Flowers in Borders

Some like flowers in borders. I do. But be sure the border is at least six feet wide. Make it all the way from the kitchen door to the barn or garage. Coming in after hours on a dusty tractor, tired, thirsty, hungry, get a rest from those lovely blossoms. Yes, and you will not be as thirsty or as hungry when you reach the house, because you will pause to collect a handful of blooms for the dining room table.

## Zella Spencer's Border

Talking about borders, I once told Zella Spencer that I thought I had the longest flower border of any farm in Alberta. But hers was longer. It was hers, not Henry's. He was usually away in Ottawa on OUR business, in the springtime when borders are planted and cultivated.

Zella Spencer's border stretched from the gate away up the slope to the house, and she was not confining her choice to four varieties. There were scores.

But one day I arrived there and the border was in ruins. Hail! Slashed and cut to ribbons, the glory dimmed, but it would come again.

There that day, on the wide veranda of a hospitable and comfortable

## Eight Million Dollars' Business Done by U.S. Co-ops in One Year

WASHINGTON, D.C. — Co-operatives in the U.S.A. in the crop year 1950-51 did a total business of over \$8 billions, according to recent figures of the Farm Credit Administration. Of this, marketing co-ops accounted for \$6,359 millions; co-ops handling supplies \$1,644 millions, the remainder coming from co-ops classified as "service."

home were gathered many of the Spencer neighbors.

## What They Talked About

Had they come to commiserate? Not on your life. Many had been haled out a hundred per cent. Were they talking blue ruin? No sir, they were talking co-operation. Their Edgerton Co-operative store, the Poultry Pool, the Wheat Pool, Art Potter and I talked Dairy Pool. As Art and I drove away, we thought we had been in a godly place, a place where flowers and co-operation lived.

## Plan Your Garden Now

So friends, now while the snow is on the ground, plant or let's say plan to plant your flower garden. Pick your favorite flowers, not what shows up best in the catalogues. Plant early, so as to get the early moisture for germination. Then, men, remember the wife's washtubs and keep the seed bed moist; a piece of old board, or an old bag helps to keep the moisture until the seeds germinate. Moisture first, last and all the time.

Go out on Sundays when you are free from the tractor and tend to the flowers. What! you say, break the Sabbath? No, not at all. Grow those flowers, armfuls of them; then take

# S. ALWYN BARTLETT

**George A. Bartlett**  
OPTOMETRISTS

116 - 8th Ave. East  
Upstairs  
Calgary, Alberta  
Phone 22684

## Use Alberta Made LIGHTNING Gopher Poison

Guaranteed Destruction  
CANADA WEST PRODUCTS CO.  
Calgary

## FREE GLADIOLUS BULBS

As in former years, **The Western Farm Leader** is again offering a collection of twelve Gladiolus Bulbs as a free premium to persons sending in new or renewal subscriptions to their office, 119 Eleventh Ave. E., Calgary. The bulbs are No. 1 stock and are mixed early and mid-season varieties. They will be mailed out about the middle of April.

them to Church with you. Give them to your neighbors afterwards, and remember what an English poet has said:

A kiss of the sun for pardon,  
The song of the birds for mirth,  
One is nearer God's heart in a  
Garden  
Than anywhere else on Earth.

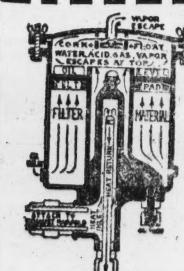
## END COSTLY REPAIRS with RECLAIMO

No other filter will abstract dirt and harsh abrasives from motor oil better than RECLAIMO SUPER REFINER. Its patented heating element evaporates all water and fuel dilution, thus preventing sludge and costly corrosion. Actually . . . it's a miniature refinery "under your hood." Can be installed in all tractors-trucks—cars.

Write for Free Book

**RECLAIMO**

Company (Canada) Ltd.  
617C - 10th Ave. West, Calgary, Alberta



## BUY

## FIRE AND AUTOMOBILE INSURANCE AT COST

Direct From

## CO-OPERATIVE FIRE & CASUALTY CO.

You can obtain particulars as to rates and covering by forwarding coupon below to our Alberta branch nearest to you, listed below.

### BRANCHES:

303 Foothills Bldg.,  
Calgary, Alta.  
Phone 24163

402 Northern Hdw. Bldg.,  
Edmonton, Alta.  
Phone 43535

HEAD OFFICE:  
Regina,  
Saskatchewan

I am interested in obtaining particulars for insurance on Auto-  
mobile  Fire (Farm)  Fire (Town)

NAME ..... PHONE .....

ADDRESS .....



# Central Alberta Dairy Pool Section

SLOGAN FOR TODAY: "Test and Weigh and Keep the Cows That Pay"



## Feeding for Eggs and Producing Broilers

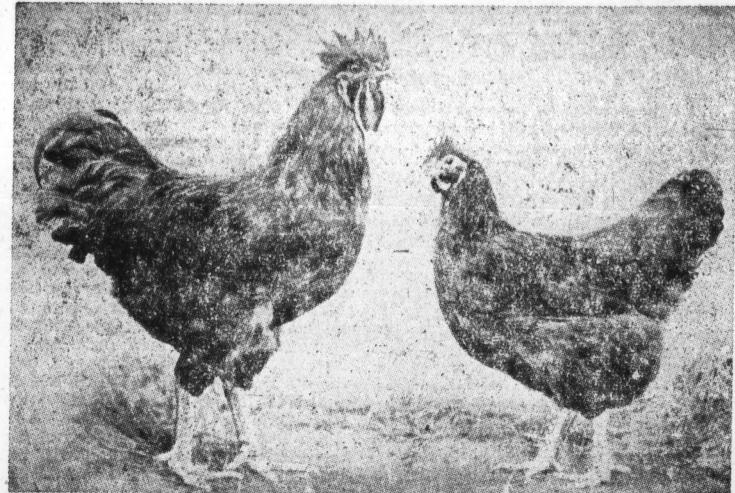
**A**LTHOUGH the name of your organization is the Central Alberta Dairy Pool, nevertheless, our Egg and Poultry Department is growing in size and importance each year. Through the medium of this section we try to keep our readers posted on the various activities of the Dairy Pool, and at the same time pass on to them information that will help to make their poultry and egg production more profitable.

We will recognize the importance of our egg and poultry business this week by printing the following timely article on producing Grade A Broilers.

### You Can Produce 100% Grade A Broilers

To produce broilers economically they must grow very fast. To be of satisfactory quality they should also be fat enough to grade into the top categories of Grade Special or Grade A. The difficulty in producing rapid growth while at the same time laying down sufficient fat is well known.

**Special Hard to Attain** Even with such rations, however, some recently developed ever, Grade Special is very difficult to attain and by far the greatest number of broilers produced are graded A's and B's, particularly the latter.



Experiments have been conducted in the Poultry Division at the Central Experimental Farm, Ottawa, by S. Bird, to determine if it was feasible to grow birds very rapidly for a period and then, by changing the ration to discourage rapid growth, cause the birds to fatten and still attain practically as good body weight at the end of the finishing period.

**Starter and Finishing** A commercial starter ration of 21 per cent protein (quite possibly a ration of 25 per cent protein would be even more satisfactory during this period) was used for the period of rapid growth and fed for the first nine weeks, and during the last three weeks a finishing ration of 13.25 per cent protein and 9.2 per cent fat was fed.

#### Six Weeks Too Long

In the first test, a finishing period of six weeks was used, which proved too long, as many birds were excessively fat, while some went off their feed. The grading obtained in this experiment was 77 per cent Special, 18 per cent Grade A and 5 per cent Grade B.

In the second test, with a three weeks finishing period, the grading was 74 per cent Special and 26 per cent Grade A, all of the latter being good A's. The weight of the fat laid down in the last three weeks compensated fully for the loss in growth on the lower protein ration.

#### Blemishes Disregarded

It should be noted that these gradings were on the basis of fat and quality of skin, as blemishes, poor conformation, etc., were disregarded.

The birds were confined throughout the test and were given two all-mash rations, one designed for the growing period and the other for the finishing period.

A good commercial starter mash containing 21-25 per cent protein was fed during the one to nine weeks growing period.

#### Mash Used in Finishing Period

During the 10-12 weeks finishing period the mash used consisted of 13.25 per cent protein and 9.2 per cent fat and was composed of the following ingredients in parts per hundred: ground corn 34.5, ground wheat and ground oats 18 each, whole soybean ground, soybean oil, bran and middlings 5 each, bonemeal 2.5, cerograss 2, limestone and common salt 0.5 each and brewers yeast 4. To this mash is added 700 gm. choline, 600 mgm. riboflavin and 11 mgm. pure vitamin B12 per ton.

As these excellent results were achieved for a second time on such rations in the Poultry Division at Ottawa, it is assumed that similar results should be obtainable by any careful producer of broilers, willing to follow in detail the rations and treatment recommended.

When writing advertisers, please mention The Western Farm Leader.

### INCOME TAX

#### Important Notice to Central Alberta Dairy Pool Members

**T**HE amount credited to your accounts as final payment for the year 1952 and for which no cash settlement has yet been made is, according to the by-laws of the Pool, a loan made by you to your organization, and as such must be included in your Income Tax return as income for 1952.

### Did You Send In Your PASS BOOK ?

Series R (1946) is now being paid in cash, and your 1952 earnings will be entered in your book when we receive it.

Send it in NOW!

CENTRAL ALBERTA DAIRY POOL

Send for your FREE copy today

148 Illustrated  
Pages  
20 pages in  
full color

Presented by Canada's largest mail order seed and nursery house. You will enjoy this friendly and informative book, cover to cover. It describes nearly 2000 subjects for your garden including many new and special items like Hybrid Tomatoes, Hybrid Cucumbers, Hybrid Onions, Blue Leaf Arctic Hedge, Rosa Multiflora seed and plants, Multiflowered Sweet Peas, Astor Pea Series Delphiniums, Dwarf Fruits, 6-in-1 Multiple Apples, new Soil Conditioners, Midget Vegetables for small gardens, and all the best in other vegetables, flower and houseplant seeds, plants, bulbs and supplies to make your 1953 garden the finest you have ever had. Send today.

24W

**DOMINION SEED HOUSE**  
GEORGETOWN . . . ONTARIO

## CENTRAL ALBERTA DAIRY POOL SECTION

# Feeding for Eggs

SOME time ago I listened to a good hot argument as to what was the best method of feeding layers. The main argument seemed to be whether all mash wasn't better than the grain-mash method cafeteria style.

Judging by the discussion, it appeared to me that the debate favored the mash and grain method fed free choice or on the cafeteria basis.

The important guide to anyone deciding on a method is, of course, experience, and when experience is lacking one should follow more or less the judgment of an operator who is working under similar conditions to yourself.

**What We Would Pick**

If we were to pick out a feeding method for the average farm flock owner, we would pick the free choice grain and mash method.

This method, while amounting to about the same thing as hopper feeding mash and hand feeding grain once or twice during the day, is nevertheless a little more fool-proof from the standpoint of insuring the birds getting the adequate diet necessary for full production.

The amount and type of feeder is important. As to the amount, we would suggest at least 20 feet of feeder space per 100 birds for mash, and about one-half to two-thirds that amount for grain.

**Point to Keep in Mind**

An interesting point that should be kept in mind with reference to this method of feeding or, for that matter, any other, is to make sure that the mash feeder is close to the drinking water. Nature never intended the chicken to be a mash eater; consequently, water is important and a necessary aid in the mechanics of swallowing and digestion in addition to its importance in the composition of the meat and eggs.

The type of feeder should be of concern, for the reason that too many feeders are so large that the feed becomes either stale or dusty to the extent of being a factor in reducing feed consumption. This will result in lower production.

**Type of Feeder**

We would pick a shallow "V" bottom type of feeder if we had a choice, and we certainly would want a feeder that required replenishing with fresh feed at least daily. Very few people like stale bread and very few chickens like stale feed.

An interesting observation in connection with the new mechanical type of feeders is that some of the units are so long that by the time the feed reaches the far end of the feeder it has been pretty well picked over.

**'Domo' and 'Westfalia'**  
**Cream Separators**

Highest Quality  
Fully Guaran'teed  
21 sizes to choose  
from. Prices as  
low as  
**\$29.50**  
and up

"Westfalia" Sep-  
arators are all  
nickel-plated and  
rustproof.

Write for  
full particulars.

**C. A. DeFEHR & SONS  
LTD.**

78 Princess St.  
WINNIPEG  
10970 - 84th St.  
EDMONTON

Birds that have been unlucky in not getting any at the start have to be satisfied with "left-overs." There is no denying the fact that it is extremely important to use a method of feeding, plus the right kind of equipment, that will give you the maximum consumption necessary for a high rate of production.

## Washing Eggs — No! A Thousand Times No!

A year ago there was quite a flurry of interest in new egg washing machines and they were quite in demand the country over. It is not too surprising to learn that today the interest is decreasing and a good many of these machines are no longer being used.

In California, as a result of some studies made in the keeping qualities of washed and unwashed eggs in current distribution, the deterioration was much greater in the washed than in the unwashed. Eggs of "AA" grade at the end of nine days showed that only 50 per cent of them had held their grade in the washed group, while 61 per cent graded out "AA" under the unwashed.

**The Wise Procedure**

There are plenty of indications that the wise procedure is to produce clean eggs and not rely on washing as a means of getting rid of dirty eggs.

Good house and nest management are the two standbys in clean egg production. Under house management, it means avoiding dirty litter, yards, or at least a chance for the bird to enter the nest without having to get her feet badly soiled. Under nest management the important thing to remember is to have one nest for every five birds and to use a nest material that will give the greatest protection against shell dirt. One of the best is wood shavings. Wood shavings are much superior to straw because most straw on touching the damp egg will show straw stains on a white shell.

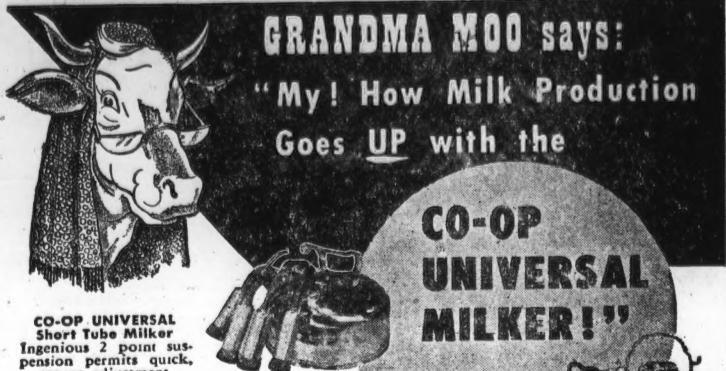
**Dairymen Elect Thomas Morris President for '53**

Thomas Morris, Didsbury, was elected President of Alberta Dairymen's Association, at the recent annual convention in Calgary. With him on the executive are R. V. Duffy, Calgary, immediate past president; W. F. Empey, secretary; A. M. Adamson, M. W. Baker and R. G. Gault, all of Edmonton; and J. R. Sweeney, R. F. Smith and H. H. Colpitts, all of Calgary.

The Provincial Government was urged by resolution to set up a commission to study the effects of substitutes for dairy products upon the national economy, other resolutions called for support for the June "set-aside"; action by the Provincial Government to stamp out cattle "rustling"; and immediate release by the Federal Government of sufficient butter to meet consumption needs without unreasonable price jumps.

**Warns of Rusty Grain Beetle**

Infestations of the rusty grain beetle in Saskatchewan have been chiefly confined to elevators, but several farm infestations have been reported in Alberta. R. E. McKenzie, of the Saskatchewan Department of Agriculture warns that this pest usu-



**CO-OP UNIVERSAL**  
Short Tube Milker  
Ingenious 2 point sus-  
pension permits quick,  
secure adjustment

**REMEMBER UNIVERSAL**  
Understands Cows

**The CO-OP  
UNIVERSAL  
Standard Milker**  
Offered in single  
or double units.  
Also available:  
The CO-OP UNI-  
VERSAL MILKING  
PARLORS and  
CO-OP UNIVERSAL  
Portable Milkers.  
Send for this FREE  
BULLETIN. Ask for  
Bulletin HF380.



Call at the

**Calgary Co-op Store**

Or Write

**Alberta Co-operative Wholesale Assn.**  
EDMONTON

ally requires tough or damp grain to control the rusty red grain beetle for some time. Whenever grain is stored on the farm for a long time, it is good practice to move it back and forth periodically.

**REDUCED LOSSES**

Corner-type brooders with infra-red heat lamps have proved effective in reducing losses from crushing and chilling of young pigs, states W. W. Auger will reduce the temperature, Fram of the Indian Head Experimental Farm.

**CHICKS LIVE, THRIVE  
and GROW RAPIDLY**

on

**CHICK STARTER !**

Nutrition is an important factor during those first critical weeks in the life of a chick. Money-Maker packs the right nourishment in the right balance for developing health, vigor and fast growth

AVAILABLE IN

**CRUMBLIES • PELLETS or MASH**

Two pounds per chick is all you require to put your chicks on the road to a money-making future.



**CHICK FEEDS**  
ARE SOLD AT

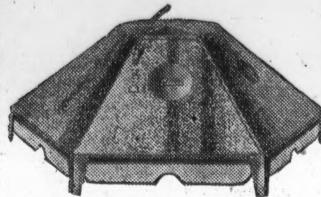
all U. G. G. Agents and Money-Maker feed dealer stores. Order your needs Now!

MANUFACTURED AND SOLD BY

**UNITED GRAIN CROWERS LTD.**

Over 47 years of Service to Farmer and Stockman!

## Brooder Season SPECIALS



Propane or Natural Gas 500 size,  
with 100% shut-off .... \$53.20

Electric, 400 Size, \$30.00 and  
..... \$26.00

Oil, 500 Size, ..... \$28.00

Write for our poultry equipment catalogue. We carry everything for the poultry farmer.

### United Engines & Threshers Ltd.

308 11th Ave. E.

Calgary

Alta.

### STOP ITCHING...

**Relief in a few Minutes**  
For quick relief from the itching of  
Eczema, Psoriasis, Rashes, Pimples,  
Blotches, Ringworm, and other skin  
eruptions, apply

### Elik's Eczema Ointment No. 5

Its gentle ingredients soothe the irritated and inflamed skin, thus aiding nature itself to heal the skin disorder. "No. 5" stops the most intense itching almost instantly—skin healed quickly. Guaranteed to give results or money refunded.

Price \$1.50 and \$2.50

See your local Druggist or write:

**ELIK'S DRUG STORE**  
222 - 20th St. W., Saskatoon, Sask. Dept. 33

**MORE BUSHELS TO THE ACRE**

**WITH REGISTERED SEED**

- \* WHEAT
- \* OATS
- \* BARLEY
- \* FLAX

Higher in purity . . . free from weed seeds. Our seeds guarantee you larger harvest yields and BETTER quality. Prices are LOWER this year on all varieties. Order now—to ensure delivery. See your local Alberta Seed Growers or elevator agent for prices. FREIGHT PREPAID.

**ALBERTA SEED GROWERS  
CO-OP LTD.**  
**10619 - 103 AVENUE • PHONE 29296**

## Calgary Seed Fair and Short Course

By C. AUBREY WEIR

THE Sixth Annual Calgary Seed Fair and Short Course is history. Started six years ago by the (then) Calgary Board of Trade, and supported loyally by the Exhibition and Stampede Association and very many commercial firms, it has steadily gained in size and fame. Together with the Junior Seed Fair, under direction and support of the Alberta Department of Agriculture, the Calgary Seed Fair has gotten together the finest collection of seed of kinds of crop suitable for production in northern climates that can be found anywhere on the continent.

### Actual Seed Only

Differing from popular grain shows, the Calgary Fair stresses actual seed only. All cereal exhibits are drawn by impartial officials from pedigree stocks of seed and exhibits are secured from samples cleaned and ready for sale. No hand preparation of cereal exhibits is permitted.

### Prices of Highest Value

Prizes given at this fair are far greater in value than those given in any other similar exhibition. For example, the top prize in a cereal class is Forty dollars (plus possible trophies and championship prizes). This prize is one-third larger than the prize offered in Canada's largest exhibition.

This season there were 240 exhibits in a total of eleven classes. Oats were the largest class with over 70 exhibits, wheat reached 45 and malting barley 36. Alfalfa was next with 26 high class exhibits.

### Winners of Championships

One championship prize of fifty dollars is given for the exhibit of cereals considered

We are glad to be able to present to our readers this interesting survey and commentary on the Seed Fair and Short Course held in Calgary last week by a supporter and participant who contributed much to its success. Mr. Weir is District Supervisor of the Plant Products Division of the Federal Department of Agriculture, with headquarters in Calgary.—Editor.

best at the Fair. This championship this season went to Mr. George S. Snow of Milk River for his exhibit of Compana barley. Mr. Snow lives but a few miles from the United States border. The Forage crop championship was awarded to John Nicklason of Deadwood in township 89 in the north Peace River area. Thus the championship winners were over 525 miles apart in a north and south direction.

All exhibits were of satisfactory quality and many were outstanding. The Forage crop exhibits were especially of high quality.

### Range of 650 Miles

The Fair accepts exhibits from all of Alberta and from North-Eastern British Columbia. This season the exhibitors ranged from the United States border to Fort Vermilion in the Peace River in township 109, demonstrating a north and south range in crop production of 650 miles for the Province of Alberta.

The Fair draws clear-cut attention to the enormous area of suitable farming land in Alberta and demonstrates especially the great possibility of forage crop seed production in the northern areas.

### 50/14 Association Reunion

Many readers of The Western Farm Leader served in the 50th Battalion C.E.F. in the First Great War or in the 14th Armored Regiment (Calgary Tanks) in World War Two, which continued the Fifteenth tradition.

Veterans of both wars joined forces some years ago to form the 50/14 Association, and all are invited to attend the Annual Banquet to be held in the Palliser Hotel, Calgary, on the evening of Saturday, April 11th, in observance of the battle of Vimy. In alternate years the banquet is held in August in observance of the landing at Dieppe, August 19th, 1942.

Feb. 18th. — Naval blockade of China, stricter enforcement of UN recommendations against trade with China, are among measures being considered by U.S., says Dulles; adds efforts being made to avoid embarrassing allies.

Feb. 19th. — New budget brought down by Finance Minister Abbott reduces income and corporation taxes, substitutes tax on radios and television sets for radio licenses, makes limited reductions in sales tax, includes some items of agricultural equipment on duty free list. Britain announces destruction of Argentine and Chilean installations on Deception Island (one of Falklands).

Feb. 20th. — Argentina protests destruction of her installations on Deception Island. London reports bringing of Germany into NATO has been discussed. Eisenhower denounces Russia for violation of Yalta and other agreements.



VISHINSKY

Feb. 21st. — Ottawa reports value of Canadian field crops in 1952 will probably climb to all-time record figure after final payments completed at end of crop year.

Feb. 22nd. — In Austrian general elections Socialist parties gaining, Conservative (Roman Catholic) and Socialist parties run neck and neck; coalition likely to continue; Communists and neo-Nazis both lose ground. Adenauer expresses alarm at growing French opposition to joint European army, as urged by U.S.

Feb. 23rd. — Tito accuses both Russia and Vatican of trying to "divide world into two hostile camps," while Yugoslav vice-president, Karadjelj, warns U.S. must "oppose Russian imperialism at all points" or risk collapse as world power. Eden says South American installations on Falklands represented not merely infringement of British sovereignty but "nuisance and obstruction." Churchill announces Coronation-year amnesty to 13,000 British deserters from armed services. Ottawa reports Canadian Government to make gift to Pakistan of \$5 million worth of wheat. U.K. will cut government costs by \$701 millions in the next fiscal year, states Butler, but costs of armed forces to be increased.

Feb. 24th. — Pearson opens adjourned session in UN general assembly. Dulles tells Congress no reduction possible in foreign aid. Leading Republican Senator Bridges urges use of atom bomb in Korea. Churchill thanks Russia for gift of £90,000 for flood relief.

Feb. 25th. — Britain will take greater financial interest in Canadian development, states Butler. Canada will spend \$324 million in next financial year on NATO supplies, announced. From Rome meeting of six West European foreign ministers comes report of compromise plan for European army. R.A.F. will spend nearly £500 millions in coming year; modernization program planned.

Feb. 26th. — Washington reports atomic cannons are now in "full production". Britain is building fleet of torpedo boats with jet-like engines, part of Admiralty program for year's spending of nearly £330 millions.

Feb. 27th. — Vishinsky delays reply to Lodge charges in UN political committee, sessions cancelled. German general may head European army, is



## IN THE OIL BUSINESS you PUT before you TAKE

Since the Leduc field was discovered in 1947, the oil industry in Western Canada has poured a whopping \$900 million into exploring for new fields and developing the fields that have been found.

From this investment, the gross value of oil produced so far has amounted to about \$460 million. And the net to the oil companies has been far less, for out of this amount they have paid field operating expenses, royalties, taxes, and other charges.

How come? That's the oil business. Before a profit return is realized, a lot of risk money has to go to work.

In the meantime, the people are benefiting. As a case in point, since Leduc, more than \$160 million have accrued to the people of Alberta through oil industry payments to their government for royalties, rentals, and bonus payments. Across Western Canada, oil activity has brought increased government revenues, payments to farmers for surface use, new employment and the lowest petroleum product prices in the country.

In the oil business you put before you take—but in the meantime, and at all times—the public benefits.

### CANADIAN PETROLEUM ASSOCIATION

FORMERLY WESTERN CANADA PETROLEUM ASSOCIATION

#### Versailles report

Feb. 28th. — Greece, Turkey, Yugoslavia sign treaty of mutual aid. In Tehran, riots mark clash between Shah and Mossadegh; announcement Shah would leave country "for reasons of health" reversed. From Switzerland comes report Charlie Chaplin will take up residence in that country.

Mar. 1st. — Mossadegh dismisses army chief of staff; disorder continues in Tehran.

Mar. 2nd. — Tehran mobs stone American cars and homes. Churchill says he's quite ready to join Eisenhower in meeting with Stalin. Allies announce agreement with Krupp to break up coal, iron and steel empire. U.S. removes embargo against Canadian livestock. New oil refinery in Kent, England, brought into operation by Anglo-Iranian. Vishinsky blasts

#### Soil Conditions

Soil conditioners are not fertilizers, states Dr. F. J. Greaney, Line Elevators Farm Service. Nor are they a substitute for organic matter. They influence plant growth only indirectly, by changes brought about in soil structure. Their present price (over a dollar a pound) limits their usefulness in general agriculture;

new U.S. administration before UN political committee.

Mar. 3rd. — United Nations despatch says little hope entertained for advance towards Korean settlement during current session. Tehran rioting continues. Pickets still patrol strike-bound B.C. coast elevators.

Mar. 4th. — Moscow announces Stalin gravely ill; suffered paralytic stroke yesterday.

however, extensive tests have shown that they may be useful in the management of soils for lawns and gardens. They are particularly useful on silt and clay soils — they won't work on soils which are in good physical condition, nor on sandy soils.

#### OTTAWA LETTER (Continued from Page 1)

men would actually be bonusing the large one, that is the man with the heavy crop. Only the man with the large crop could say, "I have no immediate commitments to meet. I will hold my crop to the spring, getting the storage, which is as good as a bond."

Besides this, it would cripple the operations of the Wheat Board, con-

tinued the Minister. It has to have grain on hand to make sales at the most profitable seasons.

Mr. Howe said that he knew of no organization except the Farmers' Unions which favored the proposal. The Pools are against it. They see nothing in it for the individual farmer, and many individual farmers to whom he has spoken have the same idea about it. The bill was defeated.

#### Flood Farm Losses

The recent British floods are estimated to have cost about £10,000,000 in farm losses. Lands and buildings were damaged, as well as roads, fences, ditches, harvested crops and machinery. Losses of livestock included 1,000 head of cattle, 8,000 sheep, 1,500 pigs and 20,000 poultry.



## "Petwa Gravity Water Softeners

### For Homes Without Running Water

It is no longer necessary to have a pressure water system to save with a water softener! Pure healthful soft water as used in hospitals and canneries. Pays for itself in soap savings alone. Send pint sample of water for free analysis. Write today!

**Petroleum & Water  
Labs. Limited**  
**CALGARY, ALBERTA**  
Manufacturers All Types  
Pressure Equipment

### 21st Annual Session UNIVERSITY OF ALBERTA BANFF SCHOOL OF FINE ARTS

Short Course in Painting  
June 22nd to July 4th.

Course in Singing  
July 2nd to August 8th  
Main Summer Session  
July 6th to August 15th

Including:

Painting—Music: Piano, Choral, Strings  
—Radio Writing — Ballet — Weaving  
—Drama — Short Story — Playwriting  
—Leathercraft — Ceramics — Interior  
Decoration — Oral French and Photo-  
graphy.

For Calendar Write:  
Director,  
Banff School of Fine Arts  
Banff Alberta

### BRONCHIAL ASTHMA

Do you gasp, wheeze and fight for breath, so you can't get proper sleep? Templeton's RAZ-MAH capsules help you to breathe easily, relieved of wheezing and gasping. They loosen tight-packed phlegm in bronchial tubes, so it comes away easily. Sleep and work in comfort, take RAZ-MAH today. 65c, \$1.35 at druggists. R-55

Royce F.W.U.A. (Hines Creek) will approach the divisional school board with a view to securing improvements for the local school and teacherage.

# FARM WOMEN'S INTERESTS

Including News of The Farm Women's Union of Alberta

### Changed Communities - And I Note a Book

Comox, B.C.

Dear Farm Women:

You, who read my letters, must wonder, I am sure, why I have not commented for some time on my favorite topic, the weather, for it is one that seems uppermost in so many parts of the world.

Fortunately, we in Canada have not been subject to its most horrifying pranks, as have Holland and some parts of England. What bravery it must take to start again after seeing a countryside at its mercy!

#### Treated Most Kindly

You, in Western Canada of the Prairies, have been treated most kindly this year, we hear. In this part of the country, aside from one morning, it has been difficult to look out and think it winter, or perhaps, what is better, go out and feel it winter. Although, to be sure, I was speaking the other day to a man whose work takes him back and forth from Vancouver to Calgary, and he said when I asked him if he liked it here said: "No, too much rain, I prefer Calgary." I shall not therefore discuss the subject of the rain or the days of it we have had at the Coast.

\*

Have you not found that sometimes one little remark has given you great pleasure, or unfortunately made you most unhappy? I was glad to experience the former when a prairie friend of old days who had been on a motor trip called on us and remarked that she would be glad to be back home for some curling. I knew this meant to a curling rink in the country, where three rural communities had combined for their sport. To me, that one sentence of hers was in a sense a brief history.

#### How Ideas, and Roads, Have Changed

In the first place, I thought how our ideas of what was fit and proper for a woman of her years had changed. Grandmothers today are not expected to be sedate old ladies with caps. Statistics tell us that expected years of life have increased, but those figures do not tell the whole tale.

In the second place, what a change it (my friend's comment) marked in roads! Think of those old prairie ones; snow-bound at critical times, but someone pointed out that larger school units and curling have made for quite different winter roads today; as, I suppose most important of all, have the cars and trucks of today. Miles have been incredibly

shortened and seasonal work changed in many instances. There is no longer the trip after trip to town with the grain in the cold — of course it isn't at all cold standing 'round curling!

A further thing that pleased me was the co-operation of the different communities. Our opportunities for friendship increase, and also, let us hope, our general incentive for cooperative effort.

#### "Book of Canadian Achievement"

This last few days I have been reading a book which too, in a sense, is a history, and a most pleasant one. It may, for all I know, be on the school curriculum and some will thus have had it in the house. It is *The Book of Canadian Achievement*, by Helen Palk (J. M. Dent & Sons, Toronto and Vancouver). As the cover says, it is divided into many fields — Radio, Industry, Medicine, Arts, Sports and Agriculture. It would be difficult, I think, to find anyone without an interest in at least one phase, while to most, I think, the entire collection would appeal.

The story of at least one person and his achievement in each field is told in a most interesting manner. I think after reading it you will say I was not far astray when I wrote HIS achievement, for it would seem that men, to date, and note I said to date — have made the greatest contribution. But very few could have been quite so successful, I fancy, without some women folk to help.

But if you have not read the book, I would strongly advise you to do so for the pleasure and information you will get. Also, I think it will make you proud that your fellow Canadians have added so much to almost every phase of the social life (in the broad sense) of the world.

Yours sincerely,

H. ZELLA SPENCER.

### News of Women's Locals

Members of One Tree Local were guests of Brooks F.W.U.A. at a meeting in the home of Mrs. A. Young.

Red Cross F.W.U.A. are making a donation to the Vulcan Library, writes Mrs. A. Fulton.

Park Grove F.W.U.A. recently voted \$27 to the F.U.A. Building Fund and \$25 to the European Flood Fund.

Sydenham F.W.U.A. (Wainwright) recently heard a talk on horticulture by Mrs. Campbell.

Donations of \$25 for flood relief and \$10 to the T.B. fund were made recently by Spruceville F.W.U.A. (Lacombe).

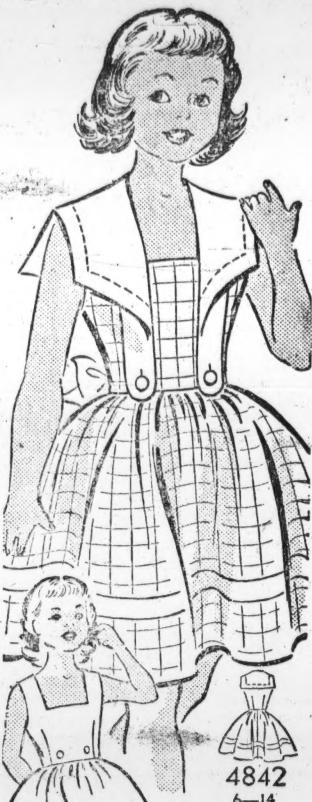
Lornedale F.W.U.A., recently organized in the Viking district, has now fifteen members, reports Mrs. Chillebeck, secretary.

Hussar F.W.U.A. met recently at the home of Mr. and Mrs. L. M. Clark, Jr., together with the newly formed Wintering Hills F.U.A.

A good discussion followed the reading of the paper on horticulture by Mrs. Luce, at a recent meeting of Dakota F.W.U.A. (Ponoka).

"Buying Electrical Equipment" was the subject of a very useful talk by Miss Holmes to Heath F.W.U.A. at

### The Western Farm Leader PATTERN DEPARTMENT



4842  
6-14

Without the sailor-collar-capelet, which buttons on, this frock can double as a sundress. As shown, plaid gingham is combined with white pique.

Pattern 4842 comes in girls' sizes 6, 8, 10, 12, 14; size 10 takes 2 1/2 yards of 35 inch material, with 1 1/2 yards of contrasting material.

Price of pattern, 35 cents.

the recent regular meeting, states Mrs. E. Murray.

In aid of the Community Centre fund, Swalwell F.W.U.A. have arranged a card party for March 17th, writes Mrs. Fred Empsey. These ladies are sponsoring a Garden Club this year.

Notre Dame F.W.U.A. are sending cash and clothing to the Unitarian Service Committee, and recently assisted with the catering for a benefit dance for neighbors who lost their home by fire.

In joint session with the F.U.A., Clover Bar, F.W.U.A. Local recently heard an address by a representative of the Celanese Corporation who described the use his company would make of by-products of Alberta refineries.

Beaverlodge F.W.U.A. recently joined with the men's and Junior Locals to hear enjoyable illustrated

HEADQUARTERS FOR  
Movie, Still & Flash  
CAMERAS  
ENLARGERS  
PROJECTORS

SAVE 5 cents per roll on fresh  
127-620-120  
ROLL FILM

PHOTOCRAFTS

The complete Photographic Store  
816 Centre Street  
Calgary

Send us your RAW WOOL, WASHED WOOL, SOFT KNITTED WOOLEN, WOVEN WOOLEN, HARD KNIT WOOLENS and COTTONS in exchange for Beautiful Big WOOLEN BLANKETS at surprisingly small cost.

Satisfactory work and delivery guaranteed.  
Ask for our NEW Folder showing how we can save money for you on your woollen needs.

BRANDON WOOLEN MILLS CO. LTD.  
BRANDON, MANITOBA  
Where Bigger and Better Blankets are Made

## Little Folks' Puzzle



Judy is having a wonderful time playing in the snow. She has made a snow man and is trying to hit it with snowballs. If you would like to see what she hit instead of the snow man, join all the numbered dots together, starting with dot number one and ending with dot number twelve. Color with your paints or crayons.

talks by C. H. Anderson and J. A. Wallace, both of the Beaverlodge Experimental Farm staff, reports the secretary, Mrs. Don McNab.

Eclipse F.W.U.A. (Joffre) has given each member \$2 "talent money" to raise funds for the Local, reports Mrs. J. Duffy. Plans have been made for a card party, at the home of Miss Jessie Elliott on March 7th, and for serving lunch at an auction sale.

Mrs. Christie was hostess to Three Hills F.W.U.A., writes Mrs. A. J. Cameron, when members voted in favor of donating proceeds of local property to the Robert Gardiner Scholarship Fund. The project for 1953, it was decided, would be overbed tables for the local hospital.

The sum of \$25 was voted to the European Flood Fund at a recent meeting of Rose Leaf F.W.U.A. (Sylvan Lake). At the same meeting, writes Mrs. W. Pickering, two members gave an interesting talk on Switzerland, and reports were presented on the course for presidents and secretaries held at Carstairs.

A request from the F.U.A. Local for suggestions as to putting in a "kitchen corner" in the school basement was discussed at a recent meeting of Durness F.W.U.A. (Streamstown) and a committee was appointed to relay the meeting's ideas to the men. Miss

## HARDY FRUIT TREES

Apple, Crab, Cherry-Plum,  
Raspberry, Currant-  
Gooseberry

Asparagus and Rhubarb  
Roots

Descriptive price list and booklet  
How to Plant, mailed on request.  
2227 - 33rd St. S.W., Calgary

WEST END NURSERIES

IT'S HERE IT'S HEALTHFUL

Red Label

NUTRITIOUS

Vitamin Enriched  
CO-OP FLOUR

*Best* for every household use,  
CO-OP FLOUR Insures  
satisfactory results . . . milled in Can-  
ada's most modern mill.

SASKATCHEWAN WHEAT POOL  
FLOUR MILL - SASKATOON

Many Features at Farm  
Women's Course, Calgary

The position of Indian women in family and community life was gradually improving, declared Miss W. R. Broderick, of the Department of Indian Affairs, in an address which was one of the highlights of the three-day short course for farm women held in conjunction with the annual agricultural short course in Calgary last week. More than a hundred women registered for the course.

Modern nursing and its changed requirements and training formed the subject of a talk by Miss Gertrude Hall, director of nursing at Calgary General Hospital. P. D. Hargrave, Superintendent of the Brooks Horticultural Station, also contributed a most interesting address, his subject being the care of house plants.

District Home Economists who gave

S. Holmes, district economist, presented a display of novel and practical items for a bazaar.

In addition to a donation of \$150 to the East Longview Hall, another \$100 was put into a trust fund for the hall by West High River F.W.U.A., reports Mrs. A. E. Laycraft. The Local voted \$10 each to the Agricultural Society's short course and to the Institute for the Blind. A social evening was planned at which all who helped with the turkey supper were invited guests.

useful talks and demonstrations included Mrs. Norma Gray, Miss Margaret Fargey and Miss Margaret Smith. Girls' club work was the topic of Miss M. K. Fraser, Provincial Department of Agriculture.

Demonstrations were given by teams from girls' 4-H Clubs — by Jessie Wagner and Jean Coutts of Nanton, national champion food team, and by Helen and Evelyn Fringer of De Winton, and Jean Finlayson, Munson, described the 4-H Club Week which she had attended at Bozeman, Montana. Chairmen included Mrs. W. L. Barker of Conrich and Mrs. A. P. Shuttleworth of Balzac.

in a little peroxide and soap suds, and polishing with chamois; or, it is said, by rubbing with a piece of raw potato, dipped in baking soda. Another method is to add 1 tsp. each soda and salt to 1 quart of water, and bring to a boil in an aluminum pan; add the silver, a few pieces at a time, as each piece must touch the aluminum.

VITAMINS  
for Health!

With improvement in the methods of measuring vitamins in the body, it becomes more evident that mild deficiencies of Vitamin B are amazingly common. Without developing acute symptoms, health fails short of the positive energetic buoyancy that Vitamin Sufficiency gives.

One should take a full requirement of Vitamin B every day, because the body makes no provision for a reserve.

Poor appetite, faulty elimination, nervousness, digestive disturbances, weakness, fatigue, headache, dizziness, tenderness and numbness of feet and ankles may be due to lack of Vitamin B, woefully short in our regular diet.

Wake up and begin to take Elik's Vitamin B Complex with Vitamin C, Iron and Minerals daily and see the results.

Price \$2.75 for 50 days Prepaid

See Your Local Druggist or Write

Elik's Drug Store  
Dept. 33, Saskatoon, Sask.

FARM HOME & GARDEN

Hardy Annuals have a place in almost any flower garden; or, they're useful in the vegetable garden, in rows, for cutting. They can be sown in early May, in places where they will bloom. Fairly generous, shallow seeding is recommended, with careful tamping of the soil.

**Revel Raisin Pie:** Wash 1½ cups seedless raisins, and cook in boiling water until soft; stir in ¼ cup sugar in which has been mixed 1 tbs. flour; cook gently until thickened; add 1 tbs. lemon juice and the grated rind of half a lemon; cool slightly, then cook in a double crust in hot oven.

**Silverware:** may be cleaned by rubbing with a flannel cloth dipped

# ARE YOU READY FOR SPRING?

If you haven't your supply of fuels, lubricants and greases on hand for Spring work, you're not really ready.

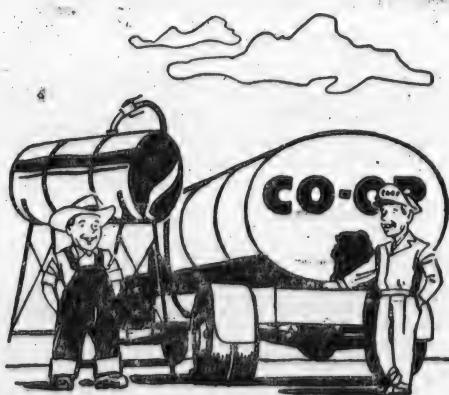
When the Spring Rush starts, everyone wants fuel and oil and grease right away. These are bulky products and service just can't be immediate to all at the same time.

Some farmers are assuring themselves that they won't be short of fuel and oil and grease by ordering theirs **now** from their local U.F.A. Co-op Maple Leaf oil agent. If they have farm storage tanks they are having them filled now.

If you don't have farm storage your local U.F.A. Co-op Maple Leaf oil agent will sell you one or more tanks at cost. Then you too can stock up with fuel to be sure you don't run short during the Spring rush.

Be **really** ready for Spring! Now is the time to get in your supply of U.F.A. Co-op Maple Leaf fuel, lubricating oil and greases.

## Order Now From Your Local Agent.



## The Wheat Situation

By E. PATCHING, Publicity Dept.,  
Alberta Wheat Pool

Exports of wheat from Canada this crop year have been running at a record or near record level but are now at a near standstill as a result of the strike of terminal workers on the Pacific Coast. In the 6-month period from August 1st, 1952 to January 31st, 1953 shipments from Canada totalled 190.7 million bushels and predictions were being made that they might reach the peak of 407 million set in 1928-29. The strike of some 250 workers who are relatively well paid has almost completely halted shipments out at the West Coast and only the relatively light exports from the Atlantic seaboard are continuing.

### World Demand Is Keen

The world demand for wheat is keen and with the supply in main exporting countries at the highest level for some years, importers may turn to other markets for their needs should Canadian exports be shut off for long. On January 1st supplies of wheat in Canada which were available for export or carryover totalled 572.7 million bushels, about 140 million bushels greater than at the same time a year ago. Even under the most favorable conditions it was likely that last year's carryover of 213 million bushels would be increased this year by about 100 million bushels. It is of urgent importance not only to farmers but to every businessman and every individual in Canada that exports should proceed at the highest possible level.

Last year wheat was Canada's leading export commodity and wheat and flour accounted for one-sixth of total exports. This year the figure could even be larger providing exports are resumed at the levels in existence earlier this winter. It is hoped that in the interests of the whole nation the present strike of grain workers is settled at an early date.

## Livestock Markets Review

CALGARY STOCKYARDS, Mar. 4th.—Hogs sold yesterday \$26, sows \$16, good lambs \$22.50. Cattle market active, good to choice butcher steers sold \$20.50 to \$22, down to \$16 for common; good to choice butcher heifers \$19.50 to \$20.50, down to \$14; good light cows \$14 to \$15, cannery cutters \$9 to \$11.50; good stocker and feeder steers \$17.50 to \$19, down to \$15; good to choice veal calves \$25 to \$28, down to \$19 for common.

EDMONTON STOCKYARDS, Mar. 2nd.—Very light receipts last week were insufficient to test the trade. Bulk of good to choice light weight butcher steers priced from \$20 to \$21.50; good to choice heifers in the handy weight range sold mostly from \$18.50 to \$20.50; cows sold firm under small supplies with good light weight butchers ranging from \$13 to \$14. Hogs were strong, Grade A for shipment closed \$26.

## Egg and Poultry Market

Prices to producers, locally, for A large eggs are 36, medium 34, small 30; B's are 27 and C's 22. Dressed chickens are: 2 to 3 lbs., A 42, B 36 and C 20; under 4 lbs., 37 down to 15. Dressed fowl are: under 4 lbs., 24 down to 11; 4-5 lbs., 29 down to 15; over 5 lbs., 31 down to 17.

## The Dairy Market

The dairy market remains unchanged, with special cream, locally, to producers, 64; No. 1 is 62, No. 2 is 53 and off-grade 47. Prints, wholesale, are 64.

## MAKES GOOD PROGRESS

We are glad to be able to report that J. J. McLellan, of Purple Springs, is making good progress towards recovery, following an operation in the Holy Cross Hospital, Calgary, on March 1st. He had been in poor health since mid-January, spending soine time in hospital in Lethbridge. Mr. McLellan, a veteran of the farm movement, is a director of United Grain Growers Limited.

## Co-op Leaders From Sister Provinces to Address ACU Meeting

Among features of the Annual Meeting of the Alberta Co-operative Union, to be held in the Macdonald Hotel, Edmonton, on the evening of Monday, March 9th, will be addresses by L. J. Bright of Regina, Secretary of the Saskatchewan Union, on the work of that body, and A. J. Wirick, Secretary of the B.C. Co-operative Union, on the work of the Union in the Coast Province.

As co-operators will be assembling from all over Canada for the Forty-fourth Annual Congress of the Co-operative Union of Canada, opening the next day, it is expected that a large number of visitors will be present at the Alberta Annual Meeting, states Norman F. Priestley, Secretary of the A.C.U.

## Government Won't Take Over Coast Elevators

According to an Ottawa despatch, a proposal received from J. L. Phelps, Chairman of the Interprovincial Farm Union Council, that the Government of Canada take over the five West-coast strike-bound elevators, has been rejected by Rt. Hon. C. D. Howe.

The IFUC earlier offered to mediate between the grain companies and the handlers' union, on the ground that the board of conciliation had proposed that four of the handlers' demands be met (though not the wage increase or any shortening of the five-day work week), and the handlers' spokesman offered to accept mediation.

A statement issued just as our last issue went to press by A. T. Baker, Vice-President of the Alberta Wheat Pool, is referred to editorially.

## Views Clash re Farmer Representation, Wheat Board, at Policy Level

Meeting a delegation from the Interprovincial Farm Union Council in Winnipeg last week, George McIvor, Chief Commissioner of the Canadian Wheat Board, according to press reports, expressed opposition to a proposal in the IFUC brief for direct farmer representation on the Board at the policy making level, stating that the board could function most efficiently as a body responsible to Parliament, and therefore to the people of Canada. J. L. Phelps, IFUC President, strongly urged the adoption of the proposal, stating that the Board now controls the lives of the people, shipping space and quotas for grain.

Mr. McIvor also opposed a proposed (Continued on Page 13)

## WE NEED YOUR CREAM - TRY US ONCE

### MODEL DAIRIES

308 - 17th Avenue W., Calgary  
Phones: License Prompt  
22311 - 22393 665 Returns

## Wild Oats Eradication Now Major Problem

As Broad Leaved Weeds Brought Under Control

**A**S many species of broad-leaved weeds are brought under control with the aid of chemical weed-killers, wild oats have come "to the fore" and become, except over a limited acreage in very dry portions of the Canadian prairies, by "far the most serious weed," Dr. Henry Wood of Winnipeg, Chairman of the Manitoba Weed Commission, stressed in his address to the Agriculture Short Course in Calgary last week.

### The Hopeful Signs

At the same time, Dr. Wood described various "hopeful signs" which give cause for encouragement in the struggle against this widely prevalent weed.

First among these signs Dr. Wood placed the fact that "at long last farmers are becoming aroused to the weed problem"; and second the fact that our experimental stations and universities have under way very extensive "co-operative tillage-chemical trials."

### Value of Present Controls

The need to use one or more of the present controls was very strongly urged by the speaker. First it was necessary to prevent more seeding of wild oats, "even to the extent of mowing or plowing down weedy crop". Then everything should be done to "grow out" wild oats, with emphasis on post seeding cultivation and delayed seeding. The use of "competitive crops" such as fall rye, is another most desirable course to follow in the campaign of eradication; and, further, the growing of more grass and legumes.

### Still a Long Way to Go

Growth of the use of 2,4-D in the control of broad-leaved weeds has brought about a veritable revolution in the farming industry in important respects, Dr. Wood said; though there is still a long way to go. We are, he indicated, "stalling at just under 15 million acres" out of the possible 30 or even 45 million acres where chemicals might be used with advantage. Of 2,4-D, he said, "It has exceeded our fondest expectations in doing a job, though it is not 100 per cent."

The reason for the "stalling" is no doubt due in part, he suggested, to the fact that use of chemicals has been "sold" to the half of the farm population whom it has been easiest to convince of the value of this means of fighting weeds; the others remain in this respect more conservative. Then, again, many farmers remain hopeful that they will be able "to get by" without the use of chemicals, though they are not opposed to their use. Cost, said Dr. Wood, is not the problem.

### Saskatchewan Leading

In the use of chemicals in weed control, declared the speaker, "my own Province lags, Saskatchewan leads, and Alberta is in between."

Several other herbicides (chemical killers) are showing promise, the speaker indicated, but time is needed for testing — just as it is needed in the exploration for example of a new oil field.

"Today there is marshalled a crew of weed research extension men, representing universities, Provincial and Federal Departments of Agriculture, chemical machinery and other interests, who are really getting going. They are developing weed consciousness among farmers and others which is of tremendous import."

Justification of the much wider extension of weed control measures,

## Will Continue Barley Contest — Farmer of Sylvan Lake First

"If you want to continue the contest, let it be known," said Howard P. Wright near the close of the most successful complimentary banquet given by the Alberta Brewers to the winners in the Alberta competition of the National Barley Contest. The response from some 300 barley growers was warmly positive, and Professor T. J. Harrison, Director of the Barley Improvement Institute, assured them that continued it will be.

Genial master of ceremonies was T. C. Dancer, General Manager of Sicks' Breweries, Ltd. Introduced by J. B. Cross, President of Calgary Brewing and Malting Company, E. J. Munson, the President of the Calgary Chamber of Commerce, said that the contribution of the Institute to the progress of Western Canada had been a notable one, and especially praised Professor Harrison for his valuable

### VIEWS CLASH

(Continued from Page 12)  
plan for payment for farm grain storage, stating that it would give large farmers an advantage.

Briefs presented to the Wheat Board and Grain Commissioners contained a large number of proposals relating to grain handling and storage, overages, storage and elevator charges, docking, and other matters, including release of domestic prices for wheat from those under the I.W.A. Direct sales of western coarse grains to eastern farmers and feeders had previously been suggested, and it was further suggested that the Wheat Pools might provide feed banks.

work in this field.

Winners were as follows, Mr. Keith, as Provincial First and "Southern Region" First, receiving a total of \$200 and \$100 in the two contests:

Alberta Provincial Winners: 1, W. J. Keith, Sylvan Lake; 2, Nick Symyrozum, Athabasca; 3, R. A. Chiswell (Arclan Farms), Lacombe.

(Other Winners in Next Issue)

# IN 1953 SOW REGISTERED SEED

Over a 20-year period Western farmers have shipped to terminal grain markets 159,663,000 bushels of dockage — practically all weed seeds. In freight charges alone this cost farmers \$17,684,000.

## How Good Is The Seed YOU Sow?

### 1—Is It The Right Variety?

There are wide differences in disease resistance, time of maturity and market quality among varieties. No one variety will fit into all local conditions. Select a variety recommended for your area.

### 2—Will It Grow?

Good sound seed should have a high germination test. This can be checked either by making a test at home or by sending a sample to the Government Seed Laboratory.

### 3—Is It Free From Weed Seeds?

A perennial noxious weed infestation can be introduced in a lot of seed that can be costly to eradicate.

### 4—Is It Free From Other Crop Seeds?

Other crop seeds such as rye or barley in spring wheat lead to substantial discounts when marketed. Don't pay seed price for seed containing foreign kernels, inert matter or cracked seeds.

### 5—Is It Free From Diseased Kernels?

Smut, Blight, Ergot and other diseases in seed will greatly lower the value of your crop. Disease can be controlled by treatment but if in doubt play safe . . . use healthy seed.

### 6—Is It Sound and Plump?

Sound seed should be free of damage, should be plump and uniform. Soundness indicates good seed quality and ensures a uniform seeding rate.

## This Year Save Money — Time — Effort!

If buying new seed, use only Registered or Certified grades.

Consult your District Agriculturist about varieties to use — about obtaining new seed stocks.

**YOU CAN ALSO GET ASSISTANCE  
FROM YOUR LOCAL U.G.G. AGENT**

**UNITED GRAIN GROWERS LTD.**

**FOREVER**  
GRAIN AND GRASS SEED CLEANERS'  
THE SEED GROWERS CHOICE  
IN CLEANING

wheat, oats, barley,  
rye, flax, corn and all  
grain and vegetable  
seeds.

DEALERS AND FARMERS  
WRITE  
FOREVER INDUSTRIES  
LIMITED  
115 ROBINSON STREET  
WINNIPEG, MAN

## Blanchard Packer



### HI OR LOW FRAME

Regular Sizes  
3 ft., 4 ft., 6 ft.

Larger sizes on request. Crow-foot wheels also in stock.

## Blanchard Foundry

SASKATOON

### Red Cross Shipments to Flood Areas Mounting

Supplies shipped to the European flood areas by the Canadian Red Cross by air include hip waders, shoes, palliases, blankets, thermos bottles, new clothing, pillows and outboard motors; by sea, work boots, oilskins and rubber boots. Total value of shipments up to February 23rd was \$223,817, and they still continue.

## MUSTARD AND CRESS

By SYDNEY MAY

Hello, Folks!

Spring is on the way, folks. Yep, the Campbells — beg pardon — we mean the Crocuses are coming.

We see by the papers that the British House of Commons is fitted with footwarmers for the use of members. Gosh! We thought it was only at election times that members of parliament got cold feet.

### THIS IS TERRIBLE

News dispatch says that Carol Lord was awarded \$25,000 by a New York court as the result of a dog bite which she said made it impossible for her to carry on her work as a strip-tease artist. Even when she was unwrapped, apparently, the dog couldn't FIGURE out whether she was steak or weiner. He didn't show the intelligence of a HOT DOG.

Believe it or not, but we've just heard of an absent-minded guy who forgot to take his sleeping tablets with him on his wedding night.

And along comes Chuck of Chuckawalla to inform us that a sure fire remedy for air-sickness is to stay on the ground.

From Sunny South Carolina comes word that Miss PANSY FORTUNE stumbled, broke her right ankle as she reached to pick her Seventh Four-leaved clover; she broke her left ankle as she tried to rescue a "lucky" black cat; she broke her right wrist as she nailed a horseshoe over her door — all within a few months. At that she was still lucky, though. Lucky she didn't break her neck. According to the Bad Egg of Crow's Nest, the sensible thing for her to do would be to get married and thus eliminate MISS FORTUNE.

There was a time, says the Bad Egg of Crow's Nest, when all the nice girls loved a tar, but times have changed, and nowadays all the nice

Readers of this column will be sorry to learn that Sydney May is at present a patient in the General Hospital, Calgary, and will, we are sure, join with us in wishing him a speedy recovery.—Editor.

girls love a bar . . . of chocolate.

### WEIGH THIS ONE

Leading life insurance company says if you are thirty or more pounds overweight, you have a FAT chance of reaching sixty, and if you are forty or more pounds overweight, your chances are even SLIMMER. And so, if you're fat, just cheer up! Remember, you'll soon be dead.

Our office cynic says the penny offered for most thoughts is too high a price.

### NOTE TO PROSPECTORS

Gold is where you find it, and when you fail to find it, it is simply because you are not looking where it is.

Fern of Fernie, who doesn't expect miracles from the politicians, wants them to try a few simple things. She says she will vote for the party that will promise to lower taxes, increase wages and abolish war.

The Calgary Herald takes three columns to liken the inauguration of the new U.S. President to a "great coronation". The Americans have a reputation for doing things "bigger, better, different," and so it is not surprising that the outstanding thing about this great coronation, American style, was the omission of a few small details such as having a crown and someone to wear it.

In another edition, under the caption, "Warm Winter Weather Here Not Unusual," the Herald goes on to show that exactly SIXTY years ago the weather was just as mild. What an unusual way to use "unusual".

### BARBS BY BARABASH

We are proud of our progress, but take away our eye glasses and our false teeth and our civilization would collapse.

Few people rise above the level of their race; hence we instinctively judge every person by his racial origin. "A man is a man for all that" only to the extent that he is able to divest himself of his native character and rise above the level of his race.

Vulgarity and obscenity are incompatible with Christianity. Can you imagine Christ being vulgar or obscene?

No one can be said to be leading a noble life unless he thoroughly rejects whatever degrades his Soul.

—Vladimir Barabash.

Turning to thoughts of spring and gardens, we reprint our poem "Seeking", at the request of J.T.L., Castor.

### SEEKING.

Why do men plant gardens  
And toil in leisure hours  
Some backyard waste to brighten  
With some few vagrant flowers?  
Nor weary of their labors?  
Nor ever count the cost?  
It is because they're seeking  
The Paradise they lost.

### ALL ASHORE THAT'S GOING ASHORE.

### CHEMICAL WEED KILLERS

(Continued from Page 13)  
said Dr. Wood, is the "staggering toll" which weeds take of farm production. He quoted from reports of Dr. Mather of the Line Elevator Farm Service, to the effect that:

"In the crop year 1950-51 dockage of marketed grain amounted to 2 1/2 per cent, or 333,500 tons—representing 200 trainloads of 55 cars each."

Manitoba in the last 13 years had spent more than half a million dollars in the effort to eradicate Leafy Spurge alone. The problem of eradication throughout the prairies was an exceedingly complex one, due to the differences in changing soil, climate, cropping practices, etc. Newer weeds which create new problems are Toad Flax, Hoary Cress and Tartary Buckwheat.

### Time to Treat Wheat, etc.

Dr. Wood said no damage would be caused to wheat through the application of 2,4-D if it was applied at the proper time and in proper strength—the best time being when the wheat was between five and six inches in height. Oats and flax were more susceptible. Oats treated with Amine or MCP early — when 3" to 6" in height or early shot - blade to early boot; for flax (more susceptible — its yields could be lowered if proper methods not followed) Amine or MCP was recommended. The value of Amine had probably been underrated in comparison to the Ester.

MCP is less harsh on more sensitive crops than 2,4-D, but generally less effective on weeds, with some possible exceptions, such as Canada Thistle, Hoary Cress, and perhaps Buckwheats, Common and Tartary. Outstanding results have been obtained at Prince Albert on 2,500 acres of peas, by using MCP for mustard, etc.

TCA is used in flax for grass type weeds, especially Green Foxtail (Wild Millet), and should be applied before the foxtail is 2" high at about 5 lbs. per acre in 5 gallons of water. Plus 2,4-D or MCP for all weeds except Wild Oats.

IPC (or Chloro IBC) is interesting for its effect on Wild Oats in Peas and Sugar Beets. Applied as a pre-emergent spray, 4 to 6 lbs. per acre and lightly harrowed in, it gave nearly 100 per cent weed control around Pullman, Washington last year without damaging peas.

### Western Stove Repairs

COMPANY  
333-4 Ave. E.  
Calgary, Alta.

Featuring exclusively

BELANGER' Heating and Cooking Equipment . . . Gas, Propane, Electric, Combinations, Coal and Wood Ranges, Furnaces, Coal and Wood Circulators, and Cast Iron Box Wood Heaters.

Repairs for all makes of stoves, heaters, furnaces and boilers.

All types Oil Burning Equipment. Exclusive dealers wanted. Write for particulars.

Let me help you

Says Mr.  
J. G. Templeton  
to Sufferers from

## RHEUMATIC and ARTHRITIC PAIN

"In the 45 years since I started putting up Templeton's T-R-C's, hundreds of thousands have found the quick relief from pain they longed for. Because they proved so effective in so many cases—T-R-C's are Canada's largest-selling proprietary medicine for relief of arthritic, rheumatic, neuritic, and sciatic pain; also lumbago (lame back). Let them help you. Get a 65¢ or \$1.35 box of T-R-C's at your druggist today."

T-368

Please send me a free copy of the 1952 edition of the INCOME TAX GUIDE for Farmers and Fishermen.

Name .....

(PRINT IN BLOCK LETTERS)

.....  
(NUMBER, STREET, P.O. BOX OR R.R. NO.)

.....  
(CITY, TOWN OR VILLAGE, PROVINCE)

## GOLD MEDAL

QUALITY



- Chick Starter.
- Chick Starter Crumbles.
- Chick Starter Pellets.

## Gold Medal Feeds

Ltd.

Calgary

Alberta

## BABY CHICKS

## HAMBLEY

Pure Bred-to-Lay Chicks Since 1927  
Quality in chicks is one place you can't afford to cut down. Over \$10,000 R.O.P. Wing Banded Chicks supplied our Egg Shippers last season. You reap the benefit this year. One extra egg per hen An extra grade next fall can repay you many times. Mail deposit or payment in full. Let us reserve your chicks for date required.

R.O.P. Sired (Canadian)	R.O.P. Bred
100 50 25	100 50 25
20.00 10.50 5.25 W. Leg	21.50 11.25 6.00
33.00 19.50 9.75 WL Pull	40.00 20.50 10.50
6.00 3.50 1.75 WL Cock	6.00 3.50 1.75
22.00 11.50 5.75 Rocks	23.50 12.25 6.50
37.00 19.00 9.75 BR Pull	39.00 19.75 10.00
18.00 9.50 5.00 BR Cock	20.00 10.50 5.50
22.00 11.50 5.75 Suisse	23.00 12.00 6.00
37.00 19.00 9.50 LS Pull	39.00 19.75 10.00
18.00 9.50 5.00 LS Cock	20.00 10.50 5.50
21.00 11.00 5.50 N. Hamp	22.50 11.75 6.00
36.00 18.00 9.25 NH Pull	38.00 19.50 10.00
18.00 9.50 4.75 NH Cock	18.00 9.50 4.75

Approved (Canadian)	R.O.P. Sired
21.00 11.00 5.50 Sussex	22.00 11.50 5.75
36.00 18.50 9.25 LS Pull	37.00 19.00 9.50
20.00 10.50 5.25 WL x NH	21.00 11.00 5.50
37.00 19.00 9.50 WL Pull	38.00 19.50 9.75
22.00 11.50 5.75 Black Australorps	
21.00 11.00 5.75 White Rocks	
21.00 11.00 5.75 Black Minorcas	
21.00 11.00 5.50 Heavy Cross Breeds	
Approved Turkeys	100 50 25 10
Broad 'B' Bronze	95.00 49.00 25.00 10.00
Bellsville	85.00 41.00 21.00 9.00
Ducklings	43.00 23.50 12.00 5.00
Chinese Goslings	160.00 82.50 45.00 18.00
"Poulous Embdenbs	185.00 87.50 47.50 20.00
Guaranteed 100% Live Arr. Pullets 96% Acc.	
Alta. customers please note. If your order is placed 30 days before date wanted, we will add 10% extra chicks. Take advantage of this 10% saving. Mail your order today.	
(No discount on Ducks or Goslings.)	

J. J. HAMBLEY  
HATCHERIES LTD.  
10730 - 101 St. Edmonton, Alta.  
Winnipeg - Brandon - Regina - Saskatoon

## Pringle 1953 Special:

## 10% Free Chicks

added to all orders received four weeks in advance of delivery. Save \$2.00 to \$3.00 per hundred by ordering now. Pringle top quality R.O.P. sired or Canada approved chicks will assure you of satisfaction. Canadian approved turkey poult, pure bred Pekin Ducklings, Toulouse and White Chinese Goslings. Competitive Alberta prices guaranteed.

PRINGLE ELECTRIC  
HATCHERIES

Calgary, Edmonton, South Edmonton, and Chilliwack

## BEE SUPPLIES

HONEY AND BEESWAX WANTED IN EX-  
change for bee supplies. Hodgson Bee Supplies Ltd., 555 - 13th Ave., New Westminster, B.C.

## BELTING

WRITE FOR SPECIAL BARGAIN PRICES ON  
Belting. State requirements. Premier Belting Company, 800 Main St., Winnipeg.

## CLASSIFIED SECTION

## RATES:

6 cents per word. Five insertions for the price of 4, 9 for the price of 7, 13 for the price of 10

## ORDER NOW!

## 10 Free Chicks

Added to each 100 ordered 4 weeks in advance of delivery date. Order now with small deposit to qualify for free chick premium.

## COMPETITIVE PRICES

BROAD BREASTED BRONZE  
POULTS

from American stock, available weekly. Write for new 1953 free catalogue.

## PURE-BRED PEKIN DUCKLING

ALBERTA HATCHERY AND  
POULTRY FARMS

2417c - 1A Street S.E., Calgary

ALBERTA'S LARGEST  
HATCHERYSTEWART'S  
R.O.P.  
SIRED  
CHICKS10% FREE  
CHICKS

Added to each order if booked four weeks or more in advance of delivery date.

Five Crossbreeds — Six Pure Breeds

100% Canadian R.O.P. Sired Canadian Approved Broad-Breasted Bronze Turkey Poult

Large Type Pure Bred Pekin Ducklings

Pure Bred Toulouse and White Chinese Goslings

Write for 1953 Illustrated Catalog and Prices.

STEWART ELECTRIC HATCHERIES  
502D-12th Avenue West, Calgary, Alta.

## BOOKS

FOR ANY BOOK YOU WANT, NEW OR OUT OF PRINT: write Canadian Forum Book Service, 16 Huntley St. Toronto 5, Ontario.

THE  
MAGPIE MENACE

By their destruction of young chicks and turkey poult, game birds, new-born lambs, calves and piglets, and even of beef animals (by pecking of Warble fly blisters) magpies cause large monetary losses to farmers and sportsmen.

In his book "The Magpie Menace", Kerry Wood, Alberta naturalist, describes the history of these birds, and various methods of destroying them.

For many reasons he recommends trapping, and gives detailed and illustrated instructions for making different kinds of traps. In winter and early spring these traps are most effective—until about the middle of April.

We'll send a free copy of this booklet (40 pages and covers) on request to readers paying subscriptions of one year (\$1.00) two years (\$1.50) or three years (\$2.00).

The  
Western Farm Leader  
Calgary

## CLEANING AND DYEING

"EMPIRE" CLEANED —  
"EMPIRE" PRESSED —  
The Budget way to look "Well-dressed".

EMPIRE CLEANING & DYEING  
CO. LTD.

"The home of PERSONALIZED Service"  
Calgary — Phone 27926 — Alberta

## TERMS:

Cash with order.

## EDUCATIONAL

MEN WANTED TO LEARN BARBERING. No former experience required. Light, clean, inside work. Offers steady employment, big pay. Many positions now open. Opportunities for advancement. Write: Moler Barber College, 814 Centre St., Calgary, or 9685 Jasper Ave., Edmonton.

BE A HAIRDRESSER — MANY WOMEN wanted to Learn Hairdressing. Splendid opportunity, better paying position, pleasant work. Catalogue free. Canada's greatest system. Write: Marvel Hairdressing School, 326A-8th Ave. W., Calgary, or 10114 Jasper Ave., Edmonton, Alberta.

## FARM SUPPLIES

## SCREENS

... in all sizes of Perforated Zinc and Wire Cloth. We stock the largest assortment in Canada.

WRITE FOR PRICES TO

## THE HART-EMERSON

CO. LTD.

WINNIPEG, MAN.

SASKATOON, SASK.

## FENCE POSTS

LUMBER, CEDAR FENCE POSTS FOR SALE.  
C. Ghirardosi, Trail, B.C.

## GRAPHOLOGY

SEND A SPECIMEN OF YOUR HANDWRITING (in ink) for character analysis by expert graphologist, for only 50 cents. Send stamped, addressed return envelope — Sydney May. The Western Farm Leader.

## LEGAL

BROWNLEE & BROWNLEE  
BARRISTERS, SOLICITORS, NOTARIES

5, 6 & 7 Shasta Bldg., Edmonton  
J. E. Brownlee, Q.C., LL.D.  
A. M. Brownlee, LL.D.

Solicitors for: United Grain Growers Limited, United Farmers of Alberta Co-operative Ltd., Alberta Livestock Co-operative Ltd., Alberta Seed Growers Co-operative Ltd., Alberta Poultry Producers Ltd., Northern Alberta Dairy Pool Ltd., Central Alberta Dairy Pool, Alberta Association of Municipal Districts.

WILLIAM E. HALL, Q.C., BARRISTER, SOLICITOR, Notary, etc.—228 Lougheed Building, Calgary.

W. KENT POWER, Q.C., BARRISTER AND SOLICITOR, 517 - 7th Avenue West, Calgary, 22460.

H. S. PATTERSON & SON, BARRISTERS AND SOLICITORS, 218 Greyhound Building, Calgary, Alberta. Phones: 23823, 21920.

## LIGHTING PLANTS

WISCONSIN & DELCO  
ENGINE PARTS

## QUICK SERVICE

Alberta Distributors

Bruce Robinson Electric  
Ltd.

Calgary — Edmonton — Lethbridge

## MAGNETO, ELECTRICAL REPAIRS

Had any Magneto or Electrical Trouble Lately?

See HUTTON'S  
OFFICIAL FACTORY SERVICE  
CALGARY or LETHBRIDGE

## PATENTS

W. ST. J. MILLER, M.E.I.C. (REGISTERED CAN. AND U.S.) — Advice free and confidential. Expert drafting. 609A - 8th Ave. W. Calgary.

## PATENTS

Send for Full Information  
THE RAMSAY COMPANY  
Registered Patent Attorneys  
278 Bank St  
Ottawa, Ont.

## PERSONAL

FREE . . . HOME DOCTOR BOOK . . . FREE Limited edition. Helpful information, horoscopes, Medical facts, dreams, plus effective treatments for common ailments. Regular price 50 cents. Regain health and youthful vigor. Write today for "free" copy Book of Health, Dept. 7, Health Products, Kelowna, B.C.

MENI HAVE TRIED KETARDO—THAT new strange, and effective lotion. \$1.00. Imperial Industries, P.O. Box 471, Winnipeg. Free catalogue.

MEN! WOMEN! WANT YOUTHFUL PEP AND vitality? Try Test-Prostone to regain that old time vigor! Money back guarantee. \$3.00 per box mailed in plain sealed wrapper. Western Distributors, Box 24-NL, Regina; or Box 1023-NL, Vancouver.

MEN — \$1 FOR TWELVE DELUXE OR 24

specials mailed, postpaid, plain sealed wrapper. Box 223, Calgary.

MEN — SEND \$1 FOR SAMPLE ORDER 12

deluxe or 24 standard quality, mailed postpaid in plain wrapper. — Dept. 3, Box 330, Calgary

WE HANDLE A COMPLETE LINE OF DRUG Sundries. Best quality, 27 De Luxe for one dollar. Write for new low price list. Standard Distributors, Box 72, Regina, Sask.

ADULTS: PERSONAL RUBBER GOODS 25 DE-lux assortments \$1 bill. Tested, guaranteed, fine quality. Mailed in plain, sealed package, including Free Birth Control Booklet and bargain catalogue of Marriage Hygiene Supplies. Western Distributors, Box 1023-PL, Vancouver

## PRINTING

PRINTING AND ADVERTISING FOR F.U. Locals, Societies, Concerts, Dances, etc. Butter wrappers. Poultry Farm literature. Auction Sale Posters. Get our prices — Alberta Job Press Ltd., 312-8th Ave. East, Calgary.

## RAW FURS

SHIP YOUR GREEN AND DRY CATTLE HIDES, green Hideshides, Sheepskins, Horsehair, Fur to J. E. Love & Son, Calgary, for best market values.

ALL FURS, HIDES, HORSE HAIR, ETC. STILL WANTED. Fox (TOP grades), still paying up to \$100. SQUIRREL 65c; WEASEL and COYOTE \$3.00; MINK \$25.00; SKUNK and MUSKRAT \$2.00; JACK RABBIT skins 30c; HORSE HAIR 90c; HIDES \$10. Market. It's unwise to hold — ship IMMEDIATELY, anything you have — Harry! NOW — get ready for Spring MUSKRAT trapping. A good supply of reliable traps and other supplies are essential — order promptly anything you need. We have adequate stocks and guaranteed prompt shipment. Complete Trapping Supplies circular available — write for it, to: Dept. 35, "SHUBERT", Winnipeg. Shipments should be addressed to: "SHUBERT", 10509 - 105th Ave., Edmonton

MAKE \$5,000.00 yearly OUTDOORS Some are making many times this raising mink, chinchillas, fox and other animals. Send for FREE copy "Profitable Outdoor Occupations" or enclose dime for sample magazine covering fur farming, trapping, fur news. Fur Trade Journal, 581 Mt. Pleasant Road, Toronto, Canada

## SEED

BANNER OATS, FIRST GENERATION, REGISTERED No. 2, Certificate A25963, The Stockman's Oat. See your elevator agent or write to T. H. Howes, Millet, Alta.

## TIRES

WE HAVE A LARGE STOCK OF USED TIRES on hand, including tires suitable for implements. — Western Tire Service, 204 Eleventh Avenue East, Calgary 27141

## TURKEYS

BBB TOM TURKEY POULTS 75c, APRIL 1st & 15th. Hatchets also mixed. Forest Range Turkey Breeding Farm, Cobble Hill, B.C.

## Kromhoff Turkey Poult

Western Canada's Largest EXCLUSIVE producers of day old turkey poult. Gen. B.B. Bronze and U.S.D.A. Small Whites. Any point in Canada our poult arrive safely by air and rail shipments. Prices from 65c. Sexed poult a specialty.

## For '53

Kromhoff Turkey Farms  
Ltd.,  
R.R. No. 5, New Westminster,

## Colorful Guard Is Back



For the first time since 1939, the Grenadier Guards are back on duty at Buckingham Palace, and the "Changing of the Guards" may again be seen.

## Regional Head Appointed

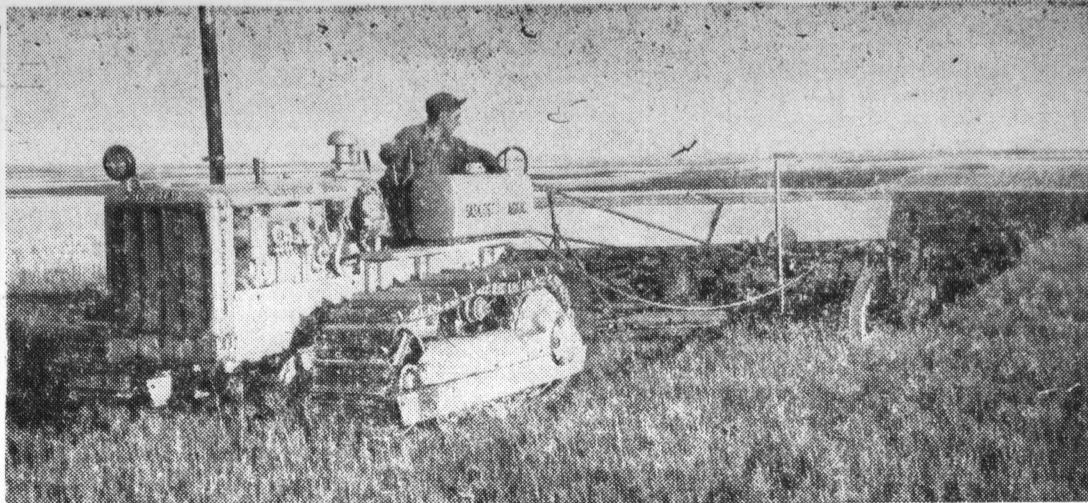


Leslie L. Sinclair, above, has been appointed assistant general manager of the Bank of Montreal, with headquarters in Winnipeg. He will direct the Bank's new Prairie Provinces division. Mr. Sinclair was superintendent of Alberta branches for three years, had charge of Manitoba and Saskatchewan branches for two years, and previously held important posts in Toronto, Montreal and New York. The new office was created, explains Gordon R. Ball, Bank of Montreal President, to keep pace with the rapid development of the West in post-war years.

## Heads Jersey Cattlemen



Lt.-Col. Bartley Bull, Brampton, Ontario, is the new president of the Canadian Jersey Cattle Club. Associated with the Jersey breed for sixty years, Col. Bull and his late brother built up the largest herd in the British Empire.



## WHERE PULL COUNTS !

Look at the photograph again. What do you see? The tractor is the famous Caterpillar Diesel D4, of course. Owned by the Provincial Department of Agriculture, this sturdy 43 h.p. machine is preparing seedbed near Mortlach, Saskatchewan. It is pulling an 8-foot oneway disc **and** two packers. This much you can see.

What you can't see — what you must experience for yourself — is the stamina, power and economy built into every Caterpillar Diesel Tractor. Fifty years of constant research and development stand behind the machine you buy when you buy "Caterpillar" — years of profit and smooth operation lie ahead of you.

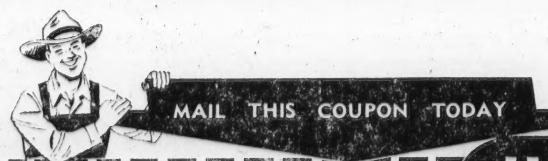
And if it's pull you're after, the Caterpillar Diesel D4 has plenty. Powered with an engine that responds instantly to heavy loads, the D4 hitches to the ground with its broad tracks and **p-u-l-l-s!** Tough sidehills, low, wet lands —

it doesn't matter. The D4 takes all soil conditions in its stride.

With its tremendous pulling ability, the D4 is the ideal tractor for the Western Canadian grain-grower. With a multiple implement hitch, owners report pulling three 10-foot tandem disc harrows, completing 12 or more acres an hour on a few cents worth of Diesel fuel.

Get in touch with your "Caterpillar" Distributor today. He will be glad to show you how to make your farming operations more profitable. Simply fill in the coupon below and he will send you a free copy of "Payload Farming."

There's a Caterpillar tractor for every farming application. Ask your "CATERPILLAR" distributor to show you the 32 h.p. D2 . . . the 43 h.p. D4 . . . the power-packed 66 h.p. D6 . . . and 81 h.p. D7 and the mighty 130 h.p. D8. All are built to "Caterpillar's" uncompromising standards . . . are all built to do a better job for you.



(Coupon)  
Advertising Manager,  
Union Tractor and Equipment Co. Ltd.  
830 Ninth Avenue West,  
CALGARY, Alberta.

WFL 3-6-53

I farm \_\_\_\_\_ acres.  
I am interested in farming with Caterpillar Diesel Tractors.  
Please send me a copy of PAYLOAD FARMING without obligation.  
NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

Please check:  
I am a student

Have a representative call

**union TRACTOR  
AND EQUIPMENT CO. LTD.**

### "CATERPILLAR" DISTRIBUTORS:

- CALGARY
- RED DEER
- LETHBRIDGE
- GRANDE PRAIRIE
- EDMONTON
- GRIMSHAW
- and DAWSON CREEK, B.C.